

Attachment E

**Tailgate Safety Meeting Report, Site Access Log,
and Record of Field Monitoring**

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: _____

Discussed Kickoff H&S issues for site, PPE

Location of (or changes in the location of) evacuation routes/safe refuge areas: _____

South Gate on to Knox

Additional Comments: _____

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)

Signature

Company

Name (printed)	Signature	Company
<input checked="" type="checkbox"/> Paul SONES	<u>Paul R. Sones</u>	H&A
<input checked="" type="checkbox"/> JAVIER TRIOS	<u>Javier Trios</u>	W.D.C. 8/16/04
<input checked="" type="checkbox"/> Quintin Hoepfner	<u>Quentin Hoepfner</u>	W.D.C. 8-16-04
<input checked="" type="checkbox"/> Paul Almaraz	<u>Paul Almaraz</u>	W.D.C. 8-16-04
<input checked="" type="checkbox"/> Ignacio Gutierrez	<u>Ignacio Gutierrez</u>	W.D.C. 8-16-04
<input checked="" type="checkbox"/> Bob Nix	<u>Bob Nix</u>	W.D.C. 8-16-04
<input checked="" type="checkbox"/> Jeff Raula	<u>Jeff Raula</u>	H&A 8-16-04
<input checked="" type="checkbox"/> ALBERT GRANT	<u>Albert Grant</u>	WDC 8-16-04
<input checked="" type="checkbox"/> THOMAS HAMMOND	<u>Thomas Hammond</u>	BOEING 8-16-04
<input checked="" type="checkbox"/> STEPHANESIBERT	<u>Stephanesibert</u>	W.D.C.
<input checked="" type="checkbox"/> Michael Dutler	<u>Michael Dutler</u>	

Meeting conducted by: Paul Sones Title: Sr. Hydrogeologist

Signature: Paul R. Sones Time: 7:00

Tailgate Safety Meeting Report




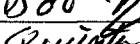
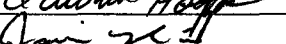

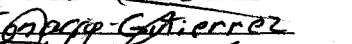

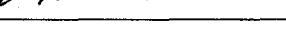
The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: CAUTION AROUND GROUT HOSES UNDER PRESSURE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE REQUIRED: HARD HATS, SAFETY GLASSES, TRAFFIC VESTS, STEEL TOES, PANTS, CHEMICAL HAZARDS: TCE IN GW >5000 μ g/L
AIR MONITORING, FORKLIFT SAFETY, HEAVY LIFTING

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
TRANS HAMMOND		H&A
Paul Almonza		WDC
Edmund O'Dwyer		WDC
Bob Nix		WDC
Quinton Hoepner		WDC
JAVIER RIOS		W.D.C.
Adrian C. Hernandez		W.D.C.
Isaac G. Gutierrez		W.D.C.
Jeff Reasch		H&A

Meeting conducted by: TRANS HAMMOND Title: ENGR.

Signature:  Time: 7:00 TU 8/17/04

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: _____


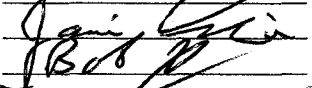
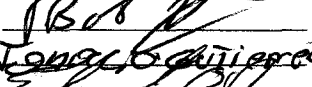
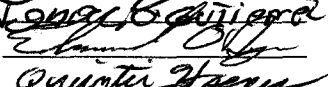
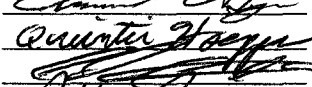
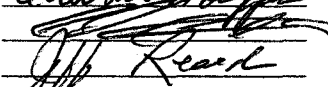
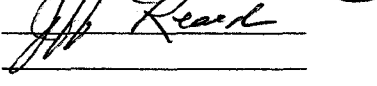
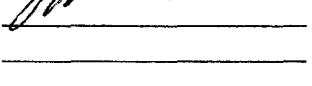
NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: _____

NONE

Additional Comments: PPE, CHEMICAL HAZARDS, FORK LIFT SAFETY (STAY BACK)
LIFTING SAFETY (NO LIFT & TWIST), TORNADO SAFETY

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
Paul Alvarado		WDC
JANIER RIOS		W.D.C
Bob Nix		WDC
Ignacio Gutierrez		W.D.C
Edmund Dwyer		W.D.C
Quintin Hoepfner		WDC
Ashley Henderson		WDC
Jeff Reardon		H&A

Meeting conducted by: ~~John~~ TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: WB/18/01 7:00

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, AIR MONITORING, SLIPS & FALLS, HOUSEKEEPING

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
<u>Ignacio Gutierrez</u>	<u>Ignacio Gutierrez</u>	<u>W.D.C. 8/19/04</u>
<u>JAVIER RIOS</u>	<u>Javier Rios</u>	<u>W.D.C. 8/19/04</u>
<u>Quinton Hoepfner</u>	<u>Quinton Hoepfner</u>	<u>W.D.C. " " "</u>
<u>Paul Alvarez</u>	<u>Paul Alvarez</u>	<u>W.D.C. 8/19/04</u>
<u>Edmund O'Dwyer</u>	<u>Edmund O'Dwyer</u>	<u>W.D.C. 8/19/04</u>
<u>Edison C. Hatterdash</u>	<u>Edison C. Hatterdash</u>	<u>W.D.C. 8/19/04</u>
<u>Edie Hejny</u>	<u>Edie Hejny</u>	<u>W.D.C. 8-19-04</u>
<u>Steven Huston</u>	<u>Steven Huston</u>	<u>W.D.C. 8/19</u>

Meeting conducted by: Jeff Rios Title: Senior Analyst
Signature: Jeff Rios Time: 8-19-04

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, HOUSE KEEPING (CLEAN UP FOR THE WEEKEND)

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
<u>Ionacio Gutierrez</u>	<u>Ionacio Gutierrez</u>	<u>W.D.C.</u>
<u>Adrian C. Hestrich</u>	<u>Adrian C. Hestrich</u>	<u>W.D.C.</u>
<u>Quentin Hoepfner</u>	<u>Quentin Hoepfner</u>	<u>W.D.C.</u>
<u>Edmund O'Connor</u>	<u>Edmund O'Connor</u>	<u>W.D.C.</u>
<u>Paul Almaguer</u>	<u>Paul Almaguer</u>	<u>W.D.C.</u>
<u>Xavier Bous</u>	<u>Xavier Bous</u>	<u>W.D.C.</u>
<u>Jeff Rensch</u>	<u>Jeff Rensch</u>	<u>H&A</u>
<u>Garold Lee Rind</u>	<u>Garold Lee Rind</u>	<u>W.D.C.</u>

Meeting conducted by: TRANS HAMMOND Title: ENGINEER

Signature: [Signature] Time: F 8/20/04 7:00

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE



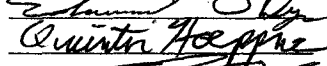
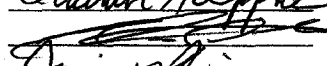
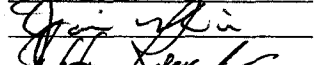
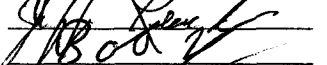
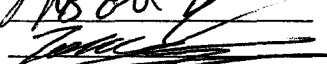

Additional Comments: PPE, CHEMICAL HAZARDS, TRAFFIC SAFETY, WELL CONSTRUCTION REQUIREMENTS, WORKING AFTER DARK

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)

Signature

Company

Paul Almon		WDC
Edmund ODVYEN		WDC
Quinton Hoeppe		WDC
Adrian C. Henderson		WDC
JAVIER DIOS		WDC
Jeff Reardon		H&A
Bob Nix		WDC
T. DICKOLS		WDC

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: M 8/23/04

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: _____

NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: _____

NONE

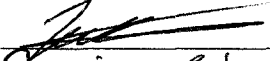
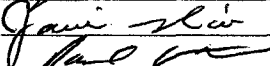
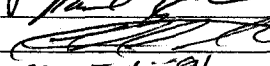
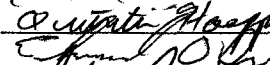
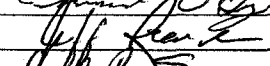
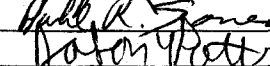
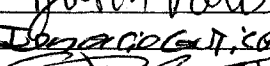




Additional Comments: PPE, CHEMICAL HAZARDS (INCREASED CONCENTRATIONS),
DUMPING THE CUTTINGS BIN SAFELY,

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Name (printed)

Signature

Company

T. VICKAS		WDC
JAVIER RIOS		WDC
Paul Almaraz		WDC
Adrian C. Hernandez		WDC
Quintin Hoepfner		WDC
Edmund O'Dwyer		W.D.C.
Jeff Reed		H&A
Paul Jones		H&A
Jason Pottroff		WDC
Ignacio G. G. G. G.		W.D.C.
BRITANNIA SIBELI		BOEING

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: TU 8/24/04 6:30

RECORD OF FIELD MONITORING

Page 1 of 1

OBJECT D-6
 LOCATION 1451 Knox St LA
 CLIENT Breing
 CONTRACTOR WJE

H&A FILE NO. 2882-502
 PROJECT MGR. S Zachary
 FIELD REP Jeff Leavel
 DATE W 10-25-01

Project Description: Installing Wells

Task Description: Well Construction

Instrument Type: 1) Mini RAE Serial Number: 104022
 (OVA, LEL, PID, etc) 2) _____ Serial Number: _____

Calibration and/or operational check completed as per manufacturers instructions: ☒ Yes ☐ No

Time completed: 14:30

Weather conditions: Sunny Windy

Reading Type: ⁽¹⁾	Level: (ppm or indicate units)	Time:	PPE Level: ⁽²⁾
BZ	0.1	11:30	D
P	0.1	↓	
S	1.2	↓	
BZ	0.1	12:01	
P	0.1	↓	
S	1.0	↓	
BZ	0.0	12:29	
P	0.1	↓	
S	0.8	↓	
BZ	0.1	13:04	
P	0.1	↓	
S	0.6	↓	
BZ	0.0	13:35	
P	0.1	↓	
S	0.5	↓	
BZ	0.1	14:02	↓
P	0.1	↓	
S	0.2	↓	
BZ	0.1	14:30	
P	0.1	↓	
S	0.1		

1. Key to Reading Types: BZ
 Breathing Zone-BZ
 Perimeter-P
 Surface-S

2. EPA Levels B, C or D

Comments: _____

The following information should be maintained for all projects requiring air monitoring.

RECORD OF FIELD MONITORING

Page 1 of 1

PROJECT Boeing C-6
LOCATION C-6 1451 Kress St
CLIENT Boeing
CONTRACTOR WDC

H&A FILE NO. 28882-502
PROJECT MGR. Zachary
FIELD REP Jeff Reed
DATE W 8-25-04

Project Description: Boeing C-6 site - Wells To B+C Zone

Task Description: Drilling & Well Construction

Instrument Type: 1) Mini-RAE PID **Serial Number:** 104027
 (OVA, LEL, PID, etc) 2) PID **Serial Number:** _____

Calibration and/or operational check completed as per manufacturers instructions: ☒ Yes ☐ No

Time completed: 13:16

Weather conditions: Sunny Clouds + warm Windy

Reading Type: ⁽¹⁾	Level: (ppm or indicate units)	Time:	PPE Level: ⁽²⁾
Headspace	55	08:15	0
	60	08:32	
	65	08:50	
	70	09:05	
	75	09:25	
	80	09:45	
	85	09:58	
	87.5	10:10	
	90	10:34	
	92.5	11:15	
	95	11:30	
	97.5	11:46	
	100	12:02	
	102.5	12:19	
	105	12:50	
	107.5	13:02	
	110	13:16	
	112.5	no recovery	
	115	no recovery	

1. Key to Reading Types:

Breathing Zone-BZ
 Perimeter-P
 Surface-S

2. EPA Levels B, C or D

Comments:

The following information should be maintained for all projects requiring air monitoring.

RECORD OF FIELD MONITORING

Page 1 of 1

OBJECT C-6
LOCATION 1451 N. 9th St. LA
CLIENT Green
CONTRACTOR Wetzel

H&A FILE NO. 2882-512
PROJECT MGR. S. Zachary
FIELD REP J. Raul
DATE W 8-25-04

Project Description:

Well Installation B + C Zone

Task Description:

Install Wells

Instrument Type:

1) Mini RAE

Serial Number: 104022

(OVA, LEL, PID, etc)

2)

Serial Number:

Calibration and/or operational check completed as per manufacturers instructions:

☒ Yes

☐ No

Time completed:

14:30
989 ppm

Weather conditions:

Sunny Cloudy & Warm

Reading Type: ⁽¹⁾	Level: (ppm or indicate units)	Time:	PPE Level: ⁽²⁾
BZ	0.1	08:20	D
P	↓	↓	↓
S	↓	08:50	↓
BZ	↓	↓	↓
P	↓	↓	↓
S	↓	↓	↓
BZ	0.1	09:20	↓
P	0.1	↓	↓
S	15.6	↓	↓
BZ	0.3	09:35	↓
P	0.1	↓	↓
S	5.6	↓	↓
BZ	0.1	09:55	↓
P	0.1	↓	↓
S	3.5	↓	↓
BZ	0.1	10:20	↓
P	0.1	↓	↓
S	3.5	↓	↓
BZ	0.1	11:00	↓
P	0.1	↓	↓

1. Key to Reading Types:

Breathing Zone-BZ

Perimeter-P

Surface-S

2. EPA Levels B, C or D

Comments:

The following information should be maintained for all projects requiring air monitoring.

Tailgate Safety Meeting Report


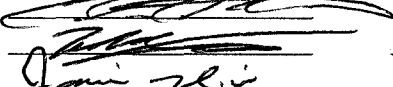
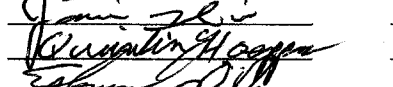
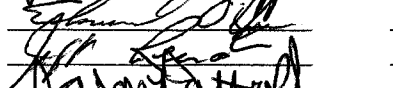
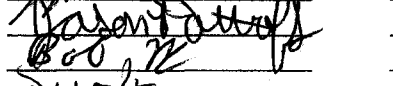
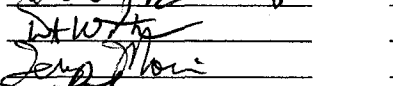
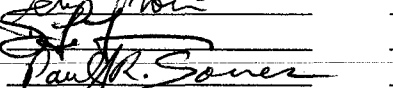
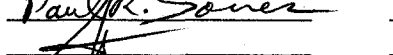
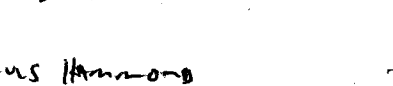
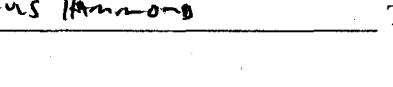
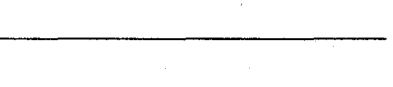



The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.


Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE (CHEMICAL HAZARDS), SITE ACCESS RESTRICTIONS
HOSPITAL MAP, EMERGENCY PROCEDURES

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
Paul Almanza		W.D.C.
Alicia C. Henderson		W.D.C.
TINICHUS		W.D.C.
JAVIER RIOS		W.D.C.
Quintin Hoepfner		W.D.C.
Edmund O'Dwyer		W.D.C.
Jeff Rios		W.D.C.
Jason Rios		W.D.C.
Bob Nix		W.D.C.
David Watts		W.D.C.
Terry Morris		W.D.C.
D. LeTOURNEAU		SPECTRUM
Paul Sones		H+A
Scott Zahary		H+A

Meeting conducted by:  TRAVIS HAMMOND Title: ENG

Signature:  Time: W 8/25/04

Site Access Log
Parcel C Groundwater Remediation Well Installation Program
Former Boeing C-6 Site
Los Angeles, California

DATE: 8/16/04

Page 1 of

This Site Access Log is to be signed by all visitors to the Site.

Visitor signatures below indicate that they are aware that this is an active construction site and that they have been briefed by the Haley & Aldrich, Inc. Health & Safety Coordinator as to the potential risks and dangers associated with the Site. All visitors to work areas on the Site must wear hard hats, safety glasses, and steel-toed boots while visiting this Site.

	Name (printed)	Signature	Company/Time In and Out
W 8/16/04	Paul Sones	<i>Paul R. Sones</i>	HTA/ 6:45
	Quintin Hoepfner	<i>Quintin Hoepfner</i>	WDC - 7:00
	ALBERT GRANT	<i>Albert Grant</i>	WDC 7:00
	JAVIER RIOS	<i>Javier Rios</i>	W.D.C. 7:00
	Lorenzo Gutierrez	<i>Lorenzo Gutierrez</i>	W.D.C 7:00
	Paul August	<i>Paul August</i>	W.D.C 7:00
	Jeff Reanda	<i>Jeff Reanda</i>	OLG 8:16 AM
	Bob Nix	<i>Bob Nix</i>	WDC 7:00
	TRAVIS HANMANN	<i>Travis Hanmann</i>	HTA 7:00
	STEPHANIE SILBERT	<i>Stephanie Silbert</i>	BOEING 7:48
	Michael Butler	<i>Michael Butler</i>	W.D.C
	Edward O'Dwyer	<i>Edward O'Dwyer</i>	WDC 7:00
	Shirley O. Watters	<i>Shirley O. Watters</i>	WDC 7:00
W 8/18/04	BILL WHITE	<i>Bill White</i>	CME 10:00
	John Gervach	<i>John Gervach</i>	RWDCP 11:25
	STEPHANIE SILBERT	<i>Stephanie Silbert</i>	BOEING 11:25
TH 8/19/04	Steven Husten	<i>Steven Husten</i>	WDC 10:30
	Eddie Veritas	<i>Eddie Veritas</i>	WDC 10:10
8/20/04	Gerald Leckert Jr	<i>Gerald Leckert Jr</i>	WDC 9:00
W 8/23/04	T. NICHOLS	<i>T. Nichols</i>	WDC 8:00
U 8/24/04	Jessy Pottery	<i>Jessy Pottery</i>	WDC 7:00
	Stephanie Silbert	<i>Stephanie Silbert</i>	BOEING 3:30
W 8/25/04	David Watts	<i>David Watts</i>	WDC 9:00 AM
	TERRY MORRIS	<i>Terry Morris</i>	WDC 9:00 AM
	D. LETOURNEAU	<i>D. Letourneau</i>	SPECTRUM 11:20 AM
	Paul Sones	<i>Paul Sones</i>	HTA
	Scott Tarnant	<i>Scott Tarnant</i>	HTA 9:00 AM

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: _____

DISCUSS INCIDENT REPORTING AS RELATES TO CABLE INCIDENTS

☐ STEEL TOES - ASK BOEING READY TO PROVIDE FOR MARCIA

CAMERON MEETING - EXCLUSION ZONES, FORKLIFT SAFETY

Location of (or changes in the location of) evacuation routes/safe refuge areas: _____

NONE

Additional Comments: ① PPE, ② CHEMICAL HAZARDS, ③ TRAFFIC SAFETY, INCREASING CONCENTRATIONS TODAY - WORST 2004

☐ DASH CAM

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
630 FRED SCHMIDT		WATKINS PERRY INC.
Jeff Reardon		H + A
Adrian C. Stettin		A.D.C.
Edmund O'Dwyer		W.D.C.
Albert H. Hargrett		W.D.C.
JAVIER RIOS		W.D.C.
Quinton Hargrett		W.D.C.
815 Marcia Taleff		Boeing
Dennis CARLSON		Boeing
915 Jay JETT		CAMERON ENV
Jose J. Ramirez		CAMERON ENV
SAL MARENZ		CAMERON ENV.
Boris Dolgopyat		CAMERON ENV.
945 Don Nillgen		UPC 9:45
10:30 David Watts		WDC 10:30

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature: Time: TH 8/26/04

Bob Nix

Bob N

WDC 10:35

Site Access Log
Water Remediation Well Installation Program
Former Boeing C-6 Site
Los Angeles, California

DATE: Th 8/26/04

Page 1 of 1

This Site Access Log is to be signed by all visitors to the Site.

Visitor signatures below indicate that they are aware that this is an active construction site and that they have been briefed by the Haley & Aldrich, Inc. Health & Safety Coordinator as to the potential risks and dangers associated with the Site. All visitors to work areas on the Site must wear hard hats, safety glasses, and steel-toed boots while visiting this Site.

Name (printed)

Signature

Company/Time In and Out

FRED SCHMIDT

Jeff Rearch

Adrian C. Hutterdort

Edmund O'Dwyer

144/ Almanz

JAVIER RIOS

Quintin Hoepfner

TRAVIS HAMMONS

BIS Maria Taleff

Dennis Carlson

915 Jose J. Ramirez

SAL. MACENZ

Boris Dolgopyat

Jay Jeff

945 Sok Nillagas

10/30 David Watts

Bob Nix

PROJECT Boeing C-6
LOCATION C-60 1451 Knott St LA
CLIENT Boeing
CONTRACTOR WPA

H&A FILE NO.	28882 - 502
PROJECT MGR.	S Zagary
FIELD REP	Jeff Reardon
DATE	8-20/84

Project Description:

Well Installation - Injector Well A/W's

Task Description:

Site AWOU 26c

Instrument Type:

1) Mini RAE

Serial Number: 104027

(OVA, LEL, PID, etc)

2)

Serial Number:

Calibration and/or operational check completed as per manufacturers instructions:

☒ Yes☐ No

Time completed:

98 ppm Isooctylene

Weather conditions:

[illegible]

I. Key to Reading Types:

Breathing Zone-BZ

Perimeter-P

Surface-S

2. EPA Levels B, C or D

Comments:

The following information should be maintained for all projects requiring air monitoring.

Tailgate Safety Meeting Report

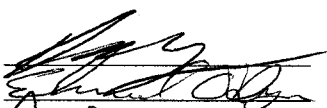
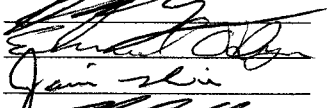
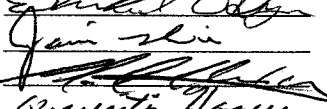
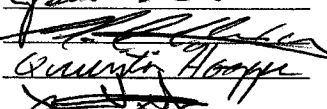
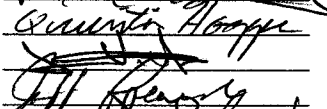
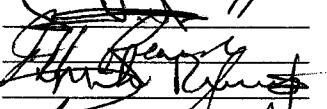
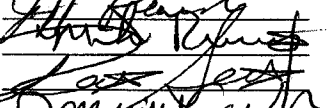
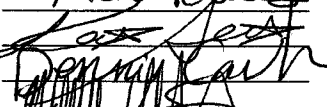
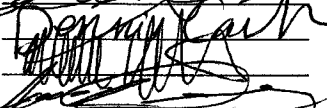
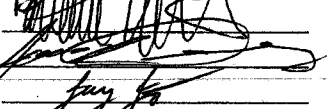
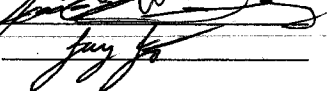
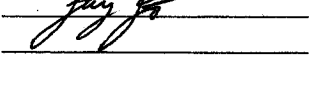
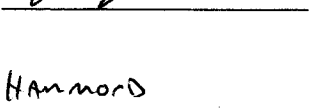
The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, HOUSEKEEPING
CAMERON GUYS 40 HR TRAINED VERIFIED

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
Paul Hernandez		WISC.
Edmund O'Don		W.D.C.
JAVIER RIOS		W.D.C.
Adrian C. Hernandez		W.D.C.
Quentin Hoeppe		W.D.C.
Doc Villagras		W.D.C.
Jeff Reavels		AAA
MIKE RIVUS		STURGEON + SON
BOB SCOTT		BOEING
DENNIS CARLSON		LI
Monroe Alden		CANADIAN
JAMES BERNANDEZ		CAMERON
Jay Jeff		"

Meeting conducted by: TRAVIS HAMMORD Title: ENGINEER

Signature:  Time: 630 P 8/27/04

Tailgate Safety Meeting Report

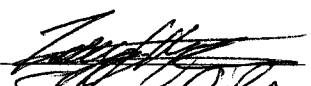
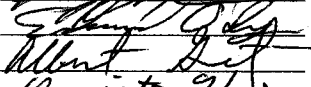
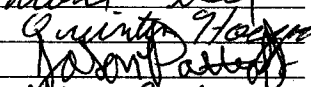
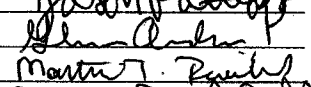
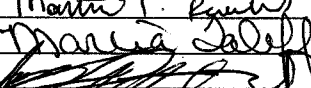
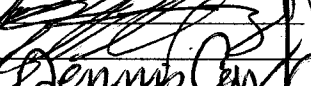
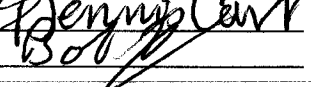
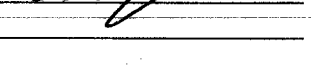
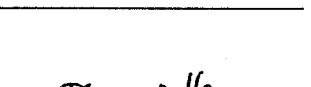
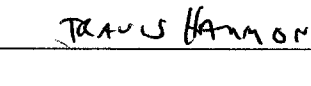
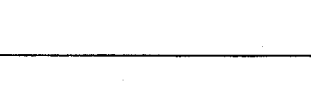

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, TRAFFIC SAFETY
BRUSH FIRES - PARKING CARS

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
T. Nichols		WDC
Edmund O'Day		WDC
Albert Grant		WDC
Quinton Hooper		WDC
Jason Pofford		WDC
Glenn Androsko		H+A
Mathew Raittel		H+A
Marcia Taleff		Boeing
JAIME BERNANDEZ		CAMERON
SAL MORRIS		CAMERON
DENNIS CARLSON		Boeing
Bob Nix		W.D.C.

Meeting conducted by: J. H. TRAVIS HAMMOND Title: ENGINEER

Signature: _____ Time: 11 8/30/04

☐ Sept 21st
↳ Tom Fowler - BIO
PHOTO & summary

Page 1 of 1

Visitor signatures below indicate that they are aware that this is an active construction site and that they have been briefed by the Haley & Aldrich, Inc. Health & Safety Coordinator as to the potential risks and dangers associated with the Site. All visitors to work areas on the Site must wear hard hats, safety glasses, and steel-toed boots while visiting this Site.

Haley & Aldrich, Inc.
Site Access Log Form.doc

BOE-C6-0055382

H&A FILE NO.	
PROJECT MGR.	S. Zachary
FIELD REP	M. Raithe
DATE	8/30/04

Weather conditions:

Comments:

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: *None*

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, TRASH/HOUSEKEEPING
MAINTAIN EXCLUSION ZONES AROUND RIGS (SUPPORT OF THE BOOM),
WATCH UNEVEN TERRAIN

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

[illegible]

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature: Time: TU 8/31/04

PROJECT	Boring C-6
LOCATION	1451 Knox St LA
CLIENT	Boring
CONTRACTOR	WPH

H&A FILE NO.	28882-Son
PROJECT MGR.	S Zachary
FIELD REP	Teff Roud
DATE	8/31/04

Project Description: *Intelline Well To 115ft*

Task Description: ALWOOD 22E Drilling

Instrument Type: 1) (10)

Serial Number: 104027

(OVA, LEL, PID, etc)

Serial Number:

Calibration and/or operational check completed as per manufacturers instructions:

☒ Yes

☐ No

Time completed: 18:00

Weather conditions: *overcast - Sunny*

[illegible]

1. Key to Reading Types:

Breathing Zone-BZ

Perimeter-P

Surface-S

2. EPA Levels B, C or D

Comments:

The following information should be maintained for all projects requiring air monitoring.

Tailgate Safety Meeting Report

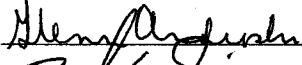
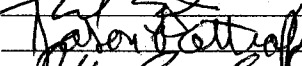
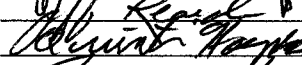
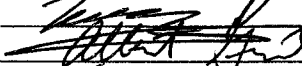
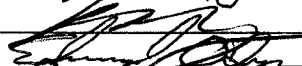

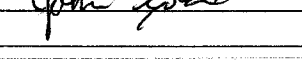


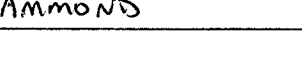

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE
MEET AT STREET

Additional Comments: PPE, CHEMICAL HAZARDS, HOUSEKEEPING, DUST CONTROL
LIFTING W/ CABLES, SPEED OF VEHICLES ON SITE, BACKUP SPOTTING FOR TRUCKS
VERIFIED JOHNS 40-HR CASH

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
Glenn Andrusko		H&A
Neil Davis		WDC
Jason Pittman		WDC
Jeff Reade		H&A
Quinton Hoepfner		WDC
D. NICHOLS		WDC
ALBERT GRANT		WDC
Paul Almaraz		WDC
Edmund O. Jones		W.D.C.
Bob NIX		WDC
JOHN COLON		W.D.C.

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: W 9/1/04 7:00

RECORD OF FIELD MONITORING

Page 1 of 1

PROJECT	Boeing C-6	H&A FILE NO.	28882-862
LOCATION	1451 Kaen St LA	PROJECT MGR.	S Zakary
CLIENT	Boeing	FIELD REP	Jeff Reed
CONTRACTOR	WDC	DATE	9-1-04

Project Description: Well Installation

Task Description: Drilling

Instrument Type:	1) Mini RAS	Serial Number:	104027
(OVA, LEL, PID, etc)	2)	Serial Number:	

Calibration and/or operational check completed as per manufacturers instructions: ☒ Yes ☐ No

Time completed: 18:30

Weather conditions: Sunny & Warm

Reading Type: ⁽¹⁾	Level: (ppm or indicate units)	Time:	PPE Level: ⁽²⁾
BZ/S/P	0.1/0.1/0.1	08:40	
	0.3/0.3/0.1	09:10	
	0.1/0.1/0.1	09:40	
	0.1/0.1/0.1	10:10	
	0.1/0.1/0.1	10:40	
	0.1/0.1/0.1	11:00	
	0.1/0.1/0.1	11:30	
BZ	0.1	12:00	
	0.1	12:30	
	0.1	13:00	
	0.1	14:00	
	0.1	14:30	
	0.1	15:00	
	0.1	15:30	
	0.1	16:00	
	0.1	16:30	
	0.1	17:00	
	0.1	17:30	
	0.1	18:00	
	0.1	18:30	

1. Key to Reading Types:

Breathing Zone-BZ

Perimeter-P

Surface-S

2. EPA Levels B, C or D

Comments:

The following information should be maintained for all projects requiring air monitoring.

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.



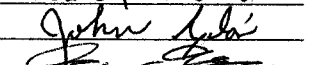
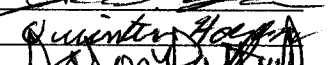
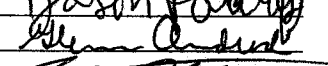
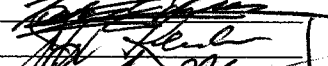
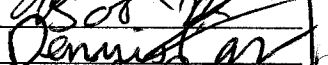


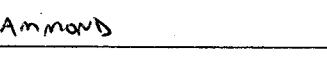





Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, BRUSH FIRES (KEEP EXTINGUISHER HANDY), PARCEL A - ARSENIC, SCATTERS

WORK MEETING: START NEW ROLLOFF

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
Paul Almanza		WISC
Edmund Bowyer		W.D.C.
Albert Grant		WDC
John Colón		WDC
Jesus Aguirre		WDC — VERIFIED 40 HR
Quintin Haddner		W.D.C.
Jason Patterson		W.D.C.
Glenn Androsko		H&A
J. Nichols		WDC
Jeff Read		H&A
Bob Nix		WDC
Dennis Carlson		BOORING
1030 FRED SCHMIDT		WPI
12:40 Paul Sones		H&A
1:00 BILL WHITE		C.M.E.

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: TH 9/2/04

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE

Additional Comments: PPE, CHEMICAL HAZARDS, BACKUP SPOTTERS,
HOUSEKEEPING

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)	Signature	Company
JESUS Aguirre	<i>[Signature]</i>	WDC
STEVEN Houston	<i>[Signature]</i>	WDC
F. NICHOLS	<i>[Signature]</i>	WDC
ALBERT GRANT	<i>[Signature]</i>	WDC
JEFF REARD	<i>[Signature]</i>	H&A
QUINTIN HOEPPNER	<i>[Signature]</i>	WDC
FRED SCHMIDT	<i>[Signature]</i>	WPI
DENNIS CARLSON	<i>[Signature]</i>	BOEING
EDDIE HARRIS	<i>[Signature]</i>	WDC

Meeting conducted by: TRAVIS HAMMOND Title: ENG

Signature: *[Signature]* Time: F 9/3/04

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: _____

clean up site to previous condition
Remove all trash to bins, barrels to staging area
steel tread boots, hard hats, & orange vests/shirts

Location of (or changes in the location of) evacuation routes/safe refuge areas: _____

Additional Comments:

Be safe

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

[illegible]

Meeting conducted by: W. J. Kark Title: 5 Geo

Signature: [Handwritten Signature] Time: 06:48

Haley & Aldrich, Inc.
Tailgate Safety Meeting Report.doc

August 2004

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: **NONE**

Location of (or changes in the location of) evacuation routes/safe refuge areas: **NONE**

Additional Comments: PPE REQUIRED, CHEMICAL HAZARDS, FIRE EXTINGUISHERS,
HOUSEKEEPING

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

Name (printed)

Signature

Company

TRAVIS HAMMOND
JASON POFFERT
DAVID RUBIO
DENNIS CARLSON

2m
John P. [unclear]
Dennis Carr

40A
W.D.C
W.D.C
BOSTON

Meeting conducted by: TRAVIS HAMMOND Title: ENGINEER

Signature:  Time: ~~8~~ 9/7/04

 π

Tailgate Safety Meeting Report

The Tailgate Safety Meeting is to supply Haley & Aldrich staff information regarding potential hazards that may be encountered at the site.

Observations of unsafe work practices/conditions that have developed since previous meeting: NONE

Location of (or changes in the location of) evacuation routes/safe refuge areas: NONE
MEET @ KNOX ST.

Additional Comments: PPE, CHEMICAL HAZARDS, BACKING TRUCKS UP (SPOTTER)
ALL WASTE BACK TO LOT B.

Attendees signatures below indicate that they have attended a briefing on the requirements of the Haley & Aldrich, Inc. Health & Safety Plan for the on-site work tasks, and declare that they understand the provisions and procedures set forth herein while working on this site.

[illegible]

Meeting conducted by: TRAVIS HAMMOND Title: ENG meet

Signature:  Time: W 9/8/04

RECORD OF FIELD MONITORING

Page 1 of 1

PROJECT	<u>Lot A Amendment well</u>	H&A FILE NO.	<u>2882-502</u>
LOCATION	<u>1451 Koon St CA</u>	PROJECT MGR.	<u>Scott Zuckerman</u>
CLIENT	<u>Boeing Co</u>	FIELD REP	<u>Jeff Riancho</u>
CONTRACTOR	<u>WDE</u>	DATE	<u>9-8-07</u>

Project Description: Well Development

Task Description: Wells AW0133B + MW0026C

Instrument Type: 1) Mini RAR Serial Number: 104027
(OVA, LEL, PID, etc) 2) _____ Serial Number: _____

Calibration and/or operational check completed as per manufacturers instructions: ☒ Yes ☐ No

Time completed: 16:30

Weather conditions: _____

AW0133B

MW0026C

MW0022C

Reading Type: ⁽¹⁾	Level: (ppm or indicate units)	Time:	PPE Level: ⁽²⁾
BZ	0.1	09:30	0
	0.1	10:00	
	0.1	10:30	
	0.1	11:00	
	0.1	11:30	
	0.1	12:00	
	0.1	12:30	
	0.1	13:00	
	0.1	13:30	
	0.1	14:00	
	0.1	14:30	
	0.1	15:00	
	0.1	15:30	
	0.1	16:00	
	0.1	16:30	

1. Key to Reading Types:

Breathing Zone-BZ

Perimeter-P

Surface-S

2. EPA Levels B, C or D

Comments: _____

The following information should be maintained for all projects requiring air monitoring.

Attachment F
Driller's Daily Reports



DAILY TOUR REPORT

WDC JOB #: HAI 24K

LOCATION: Los Angeles

RIG #: 141

DATE: 8/16/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
4:30	5:30	1.0	Shop
5:30	7:00	1.5	TRAVEL
7:00	—	—	Safety meeting walk around locations
—	9:00	1.0	Rig set-up.
9:00	—	—	Drill 8" Borehole 0-50'ft.
—	12:00	3.0	Cont. core 50'ft - 85'ft.
12:00	—	—	Set 2" well 20'ft screen sand
—	1:30	1.5	Surge add more sand surge again DCCOM
1:30	2:00	—	Lunch
2:00	—	—	Seal add 6" let hydrate for 15 min
—	4:00	2.0	add again put 5'ft Seal 2.0 hrs to put seal
4:00	5:00	1.0	Clean-up. help get uscho setup to grout
			N/Portland cement.

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY		
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week							
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles	waited for about 1.5 hr.		
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Filtr 250 Hrs. Oil 1000 Hrs.						
Transition Sand	Sack/Foot	9	Deck Engine	Filtr 250 Hrs. Oil 1000 Hrs.						
Bentonite Pellets	Bucket/Feet	2	Rig Tender	10000 Mls				CLIENT SIGNATURE		
Cement	Sack/Foot	/	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS		
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.						
Bentonite Chips	Sack/Foot	1	Forklift	250 Hrs.						
Volclay Grout	Sack/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.						
Sand Grout	Yard/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.						
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC		
Centralizers	Each		Mud Pump	250 Hrs.						
Threaded Cap	Each	1	Mud Pump	250 Hrs.						
Slip Cap	Each	1	Generator	250 Hrs.						
Expansion Plug	Each		Welder/Gen.	100 Hrs.						
" Monument	Each		Steamcleaner	100 Hrs.						
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004		
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS		
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels			
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves				
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses			
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls			
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manager				
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump			
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs			
Visqueen	Roll		Equip. #	Action Needed () Check If None					COMMENTS	
									TOTAL RIG HOURS WORKED	
Casing	Type	Schedule	Diameter	Feet	Misc	Unit	Quan	CLIENT REP: [Signature] SIGNATURE TRAVIS HAMMOND		
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day	2	CLIENT JOB #: 28882-502		
Blank	PVC MS SS HDPE	5 10 40 80	24	65'ft	Level C	Prsn Day		OPERATOR: [Signature] SIGNATURE		
Screen	PVC MS SS HDPE	5 10 40 80	24	20'ft				RIG HAND: [Signature] RIG HAND: Mike		



DAILY TOUR REPORT

WDC JOB #: HAI 24K

LOCATION: Los Angeles

RIG #: 141

DATE: 8/18/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
714			On site
714	7130	1.5	Safety Meeting
7130	8130	1.0	Set-up to grout Portland Deco
8130	1030	2.0	Cement- Grout 59 ft - 3' ft (trimie grout in)
1030	1200	1.5	more set-up- Caution tape around rig
1200	1100	1.0	Drill to 50' ft.
1100	1130		Lunch
30 1130	3100	2.5	Cont. core 50' ft - 90' ft. backfill w/ pellet 90' 26' ft
4100	5100	1.0	Set down sand surge 15' ft screen
5100	-		Add seal Add 6" wait 10 min -
-	6100	1.0	Put 5' ft seal Deco

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY		
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week							
Item	Unit	Quantity	Description	Svc Int.	Equip. #	Last Service	Hours/Miles	waited for str. 15 hr.		
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Fitr 250 Hrs. Oil 1000 Hrs.						
Transition Sand	Sack/Foot	6	Deck Engine	Fitr 250 Hrs. Oil 1000 Hrs.						
Bentonite Pellets	Bucket/Feet	3	Rig Tender	10000 Mls				CLIENT SIGNATURE		
Cement	Sack/Foot	15	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MIS		
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.						
Bentonite Chips	Sack/Foot	2	Forklift	250 Hrs.						
Volclay Grout	Sack/Foot	2	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.						
Sand Grout	Yard/Foot	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.						
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC		
Centralizers	Each		Mud Pump	250 Hrs.						
Threaded Cap	Each	1	Mud Pump	250 Hrs.						
Slip Cap	Each		Generator	250 Hrs.						
Expansion Plug	Each		Welder/Gen.	100 Hrs.						
" Monument	Each		Steamcleaner	100 Hrs.						
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004		
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS		
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels			
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves	90' ft			
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses			
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls			
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual				
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump			
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs			
Visqueen	Roll		Equip. #	Action Needed () Check If None					COMMENTS	
									TOTAL RIG HOURS WORKED	
Casing	Type	Schedule	Diameter	Feet	Misc	Unit	Quan	CLIENT REP: J. W. SIGNATURE: J. W. HAMMING		
Blank	PVC MS SS HDPE	5 10 40 80			Per Diam	Prsn Day	3	CLIENT JOB #: 28882-502		
Blank	PVC MS SS HDPE	5 10 40 80	2"	70' ft	Level C	Prsn Day		OPERATOR: P. J. SIGNATURE: P. J.		
Screen	PVC MS SS HDPE	5 10 40 80	2"	15' ft				RIG HAND: Quintin SIGNATURE: ED		



DAILY TOUR REPORT

WDC JOB #: HAI24K

LOCATION: Los Angeles

RIG #: 141

DATE: 5, 18, 04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:14			On site
7:14	7:30	1.5	Safety meeting
7:30	8:14	1.5	Set - to grout 64'ft - 3'ft -
8:14	10:14	2.0	Run trimline pipe into grout - up.
10:14	11:30	1.5	Rig set-up.
11:30	—		Drilled to 50'ft.
—	11:30	2.0	Cored 50'ft. 15'ft.
1:30	2:14	—	Lunch
2:14	3:14	1.0	move set-up.
3:14	4:14	1.0	Drilled to 50'ft.
4:14	—		move Reset-up on first string
—	5:14	1.0	clean-up.

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY						
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week											
Item	Unit	Quantity	Description	Srv. Int.	Equip. #	Last Service	Hours/Miles							
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Transition Sand	Sack/Foot	/	Deck Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Bentonite Pellets	Bucket/Feet	/	Rig Tender	10000 Mls				CLIENT SIGNATURE						
Cement	Sack/Foot	15 /	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS						
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.										
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.										
Volclay Grout	Sack/Foot	2 /	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Sand Grout	Yard/Foot	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC						
Centralizers	Each		Mud Pump	250 Hrs.										
Threaded Cap	Each		Mud Pump	250 Hrs.										
Slip Cap	Each		Generator	250 Hrs.										
Expansion Plug	Each		Welder/Gen.	100 Hrs.										
" Monument	Each		Steamcleaner	100 Hrs.										
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004						
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS						
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels				AW0075C	0	65	
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves					AW0074C	0	50	
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses							115
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls							
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual								
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump							
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs				COMMENTS			
Visqueen	Roll		Equip. #	Action Needed () Check If None							TOTAL RIG HOURS WORKED			
Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT REP: SIGNATURE						
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day	3	CLIENT JOB:						
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR: Paula SIGNATURE						
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND: Quintin RIG HAND: Ed						



DAILY TOUR REPORT

WDC JOB #: HAI 241K

LOCATION: Los Angeles

RIG #: 141

DATE: 8/19/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00			On Site
7:10	7:30	0.5	Safety Meeting
7:30			Cont. Core from 65'ft -
	11:15	5.75	120'ft - from 70'ft - to 120'ft
11:15	11:30	0.25	Making two ft - runs
11:15	11:30	0.25	Wait for Client -
11:30	2:00		Lunch
2:00			Set well at 115'ft. Backfill from
	3:10	1.0	120'ft - 115'ft w/ pellets
3:10	4:30	1.5	Set well sand surge
4:30	5:50	1.5	Seal wait 15 to hydrate
5:50	8:10		grout - boring & Decom
			clean-up.

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY							
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week												
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles								
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Filtr 250 Hrs. Oil 1000 Hrs.											
Transition Sand	Sack/Foot	9	Deck Engine	Filtr 250 Hrs. Oil 1000 Hrs.											
Bentonite Pellets	Bucket/Feet	5	Rig Tender	10000 Mls				CLIENT SIGNATURE							
Cement	Sack/Foot	24	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS							
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.											
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.											
Volclay Grout	Sack/Foot	3	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.											
Sand Grout	Yard/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.											
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC							
Centralizers	Each		Mud Pump	250 Hrs.											
Threaded Cap	Each	1	Mud Pump	250 Hrs.											
Slip Cap	Each		Generator	250 Hrs.											
Expansion Plug	Each		Welder/Gen.	100 Hrs.											
" Monument	Each		Steamcleaner	100 Hrs.											
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004							
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS							
Concrete	Sack	21	Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total	
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels					A00095C	65	120	
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves									
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses					55'ft			
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls								
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual									
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump								
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs					COMMENTS			
Visqueen	Roll		Equip. #	Action Needed () Check If None											
												TOTAL RIG HOURS WORKED			

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT REP:	SIGNATURE
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day	3	CLIENT JOB #:	
Blank	PVC MS SS HDPE	5 10 40 80	2"		Level C	Prsn Day		OPERATOR:	Paul A SIGNATURE
Screen	PVC MS SS HDPE	5 10 40 80	2"					RIG HAND:	Quintin RIG HAND: FLD



SPECTRUM GEOPHYSICS

Revealing The Subsurface

2907 W. Empire Avenue, Burbank, CA 91504

Project Memo

www.spectrum-geophysics

Burbank, CA
(818) 565-3590

Santa Ana, CA
(714) 435-1073

San Diego, CA
(760) 738-8561

Date	8/25/04	Project Number	0408252A
Project Name	BOEING	Client Contact	TRAVIS HAMMOND
Site Address	1451 KNOX TORRANCE, CA	Company	H & A
		Spectrum Staff	DANA

Day	1	Labor Hrs	1.4R	Equipment		Other		Report	Y (N)
of	1							Diagram	Y (N)

Work Performed:

- ☒ Investigated 3 proposed ground intrusion sites for detectable subsurface interferences.
- ☐ Investigated _____ linear feet of proposed trench for detectable subsurface interferences.
- ☐ Delineated the surface trace of detectable utilities and subsurface interferences in _____ area(s) approximately _____, _____, _____, _____ feet in size.

Other: _____

NOTE

Non-metallic and non-electrically conductive piping and materials are not detectable.

We recommend that you hand auger to a depth of 5 feet below ground.

We recommend that you call the One Call Center prior to excavating or installing borings.

Your potential boring locations were investigated for detectable subsurface interferences and their locations have been marked on the ground surface of a 12-inch diameter white circle or a stake or nail or flagging.

No consideration of liability will be given if borings are installed outside of the white circle or not dead-centered on the flagged stake or nail. Call for a revisit if additional boring locations are required.

	<u>28882-502</u>
Client/Rep Signature	Client Project Number



DAILY TOUR REPORT

WDC JOB #: **HAI 24**

LOCATION: **L.A.**

RIG #: **141**

DATE: **1/26/09**

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
6:30	7:15	1.5	on site safety meeting
7:15			Clean up. worked on rig 1416 from
			Phoenix Auger were sand 100k had
			trouble fromable turning auger - had
	9:15		to pull up drill down to free Auger
		2.0	spin really slow - to get cutting dr.
9:15	-		help set up to grout -
-	10:15	1.0	inspect rig had helpers help decom rig
10:15			went off over with David Wakes
10:15	-		started drilling - 0-95' ft.
-	11:15		making 2' ft runs -
11:15	11:30		Lunch
11:30	6:15	4.5	Cont. 95' ft. Fighting heavy sand = to TD 115'

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY		
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week							
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles			
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Ftr 250 Hrs. Oil 1000 Hrs.						
Transition Sand	Sack/Foot	/	Deck Engine	Ftr 250 Hrs. Oil 1000 Hrs.						
Bentonite Pellets	Bucket/Feet	/	Rig Tender	10000 Mls				CLIENT SIGNATURE		
Cement	Sack/Foot	/	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS		
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.						
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.						
Volday Grout	Sack/Foot	/	Compressor	Ftr 250 Hrs. Oil 1000 Hrs.						
Sand Grout	Yard/Foot	/	Compressor	Ftr 250 Hrs. Oil 1000 Hrs.						
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC		
Centralizers	Each		Mud Pump	250 Hrs.						
Threaded Cap	Each		Mud Pump	250 Hrs.						
Slip Cap	Each		Generator	250 Hrs.						
Expansion Plug	Each		Welder/Gen.	100 Hrs.						
" Monument	Each		Steamcleaner	100 Hrs.						
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004		
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS		
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels			
Lock	Each		Equipment Gaards	Back-Up Alarms	Safety Shutdowns	Relief Valves				
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses			
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls			
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual				
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump			
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs			
Visqueen	Roll		Equip. #	Action Needed () Check If None					COMMENTS	
									TOTAL RIG HOURS WORKED	

Casing	Type	Schedule	Diameter	Feet	Misc	Unit	Quan.	CLIENT REP:
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		Dr. W. SIGTANUS HAMMOND
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		CLIENT JOB #: 28882-502
Screen	PVC MS SS HDPE	5 10 40 80						OPERATOR: SIGNATURE
								RIG HAND: RIG HAND:



DAILY TOUR REPORT

WDC JOB #: HAI 244

LOCATION: L.W

RIG #: 141

DATE: 8/27/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
6:30	7:15	.5	On site safety meeting
7:15	8:15	1.0	Clean - out Boring schwell
8:15			Set 2" well sand surge if
			sand drops Add sand surge again
	10:30	2.5	until it don't drop Add seal 5'ft wait .5
10:30	1:15	2.5	grout - up Boring
1:15	1:30		check
1:30			clean-up site unload truck
	2:30		dixon
3:30			Travel back

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY							
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week												
Item	Unit	Quantity	Description	Svc Int.	Equip. #	Last Service	Hours/Miles	wait 1.5 hr for seal to hydrate							
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Filtr 250 Hrs. Oil 1000 Hrs.											
Transition Sand 2#	Sack/Foot	9	Deck Engine	Filtr 250 Hrs. Oil 1000 Hrs.											
Bentonite Pellets	Bucket/Feet	3	Rig Tender	10000 Mls				CLIENT SIGNATURE							
Cement	Sack/Foot	20	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS							
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.											
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.											
Voiday Grout	Sack/Foot	3	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.											
Sand Grout	Yard/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.											
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC							
Centralizers	Each		Mud Pump	250 Hrs.											
Threaded Cap	Each		Mud Pump	250 Hrs.											
Slip Cap	Each		Generator	250 Hrs.											
Expansion Plug	Each		Welder/Gen.	100 Hrs.											
" Monument	Each		Steamcleaner	100 Hrs.											
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004							
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS							
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total	
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels								
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves									
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses								
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls								
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual									
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump								
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs					COMMENTS			
Visqueen	Roll		Equip. #	Action Needed () Check if None								TOTAL RIG HOURS WORKED			
Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan:	CLIENT REP: <u>Jim</u> SIGNATURE: <u>James Hammond</u>							
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #: <u>28882-502</u>							
Blank	PVC MS SS HDPE	5 10 40 80	2"	95"	Level C	Prsn Day		OPERATOR: <u>Paul A</u> SIGNATURE: <u></u>							
Screen	PVC MS SS HDPE	5 10 40 80	2"	20"				RIG HAND: <u>ED</u> RIG HAND: <u>Quinton</u>							



DAILY TOUR REPORT

WDC JOB #: HA124K

LOCATION: TERRANCE

RIG #: 146

DATE: 8/30/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:00	6:00	1.0	LOAD
6:00	7:30	1.5	TRAVEL TO SITE
7:30	8:30	1.0	H+S
8:30	11:00	2.5	SET UP - DRILL FROM 60' TO 115'
11:00	12:30	1.0	SET 2" WELL @ 115'
12:30	1:00	.5	DRILLING LUNCH TOOLS
1:00	4:00	3.0	GROUT
4:00			MOVING AUGER CLEAN UP, AD-CON, FILL WATER TANKS
	6:30	2.5	WATCH OUT FOR OBSTACLES

MATERIALS USED			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY						
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week											
Item	Unit	Quantity	Description	Srv. Int.	Equip. #	Last Service	Hours/Miles							
Gravel Pack Sand	Sack/Foot	7	Carrier Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Transition Sand	Sack/Foot	/	Deck Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Bentonite Pellets	Bucket/Feet	3	Rig Tender	10000 Mls				CLIENT SIGNATURE						
Cement	Sack/Foot	21	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS						
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.										
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.										
Volclay Grout	Sack/Foot	2	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Sand Grout	Yard/Feet	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				800 721 7111 DAILY SAFETY TOPIC						
Centralizers	Each	/	Mud Pump	250 Hrs.										
Threaded Cap	2" Each	/	Mud Pump	250 Hrs.										
Slip Cap	Each	/	Generator	250 Hrs.				714 267-6610						
Expansion Plug	Each	/	Welder/Gen.	100 Hrs.										
" Monument	Each	/	Steamcleaner	100 Hrs.										
" Flush Cover	Each	/												
Asphalt	Sack	/	SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004						
Concrete	Sack	/	Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS						
Rapid Set Grout	Sack	/	Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total
Lock	Each	/	First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels				60	116		56'
PVC Gloves	Pair	/	Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves					50	925		425'
Tyvek Suits	Each	/	Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses							
Sample Liners	Each	/	Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls							
Core Boxes	Each	/	Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual								
Drums	Each	/	Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump							
Visqueen	Roll	/	Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs				COMMENTS			
			Equip. #	Action Needed () Check If None										
											TOTAL RIG HOURS WORKED			
Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT REP: SIGNATURE						
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #:						
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR: SIGNATURE						
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND: QUINCY RIG HAND:						



DAILY TOUR REPORT

WDC JOB #:

LOCATION: CarsonRIG #: 110-3DATE: 9/11/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
445	615		load up drums and mob to Carson
615	700		Pick up 2" pump and mob to job site
700	715		Meet with client Health + safety meeting
715	745		Decon and set up on
745	1000		Bail + surge well
1000	130		Install pump and pump well clean
130	215		Pull pump and secure site
215	315		Decon and pump water off
315	330		Setup on well
330	500		Bail + surge well
500	515		Secure site and well

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY							
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week												
Item	Unit	Quantity	Description	Srv Int.	Equip. #	Last Service	Hours/Miles								
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Ftr 250 Hrs. Oil 1000 Hrs.											
Transition Sand	Sack/Foot	/	Deck Engine	Ftr 250 Hrs. Oil 1000 Hrs.											
Bentonite Pellets	Bucket/Feet	/	Rig Tender	10000 Mls				CLIENT SIGNATURE							
Cement	Sack/Foot	/	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS							
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.											
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.											
Volclay Grout	Sack/Foot	/	Compressor	Ftr 250 Hrs. Oil 1000 Hrs.											
Sand Grout	Yard/Foot	/	Compressor	Ftr 250 Hrs. Oil 1000 Hrs.											
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC							
Centralizers	Each		Mud Pump	250 Hrs.											
Threaded Cap	Each		Mud Pump	250 Hrs.				Safety Always							
Slip Cap	Each		Generator	250 Hrs.											
Expansion Plug	Each		Welder/Gen.	100 Hrs.											
* Monument	Each		Steamcleaner	100 Hrs.											
* Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004							
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS							
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total	
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels								
Lock	Each		Equipment Guards	Back-Up Alarms	Safety Shutdowns	Relief Valves									
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses								
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls								
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual									
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump								
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs								
Visqueen	Roll		Equip. #	Action Needed () Check If None							COMMENTS				
											10 1/4 hrs on site				
											TOTAL RIG HOURS WORKED				
Gasing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT REP:		SIGNATURE					
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #:		2882-502					
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR:		SIGNATURE					
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND:							



DAILY TOUR REPORT

WDC JOB #: **HAI 24K**LOCATION: **Torrance**RIG #: **110-5**DATE: **9/1/04**

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	7:15	1/4	Safety meeting.
7:15	8:00	3/4	Moved and pumped off drums
8:00	10:15	2 1/4	Set up, Surged, bailed and installed pump
10:15	12:15	2	Pumped well.
12:15	1:15	1	Moved drums and pumped off water.
1:15	1:45	1/2	Lunch
1:45	2:15	1/2	Set up
2:15	3:30	1 1/4	Bailed and surged.
3:30	5:15	2 1/4	Pumped well.
5:15	6:15	1	Moved drums and pumped off water

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY						
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week											
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles							
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Filtr 250 Hrs. Oil 1000 Hrs.										
Transition Sand	Sack/Foot	/	Deck Engine	Filtr 250 Hrs. Oil 1000 Hrs.										
Bentonite Pellets	Bucket/Feet	/	Rig Tender	10000 Mls										
Cement	Sack/Foot	/	Support Truck	5000 Mls.										
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.										
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.										
Volclay Grout	Sack/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.										
Sand Grout	Yard/Foot	/	Compressor	Filtr 250 Hrs. Oil 1000 Hrs.										
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.										
Centralizers	Each		Mud Pump	250 Hrs.										
Threaded Cap	Each		Mud Pump	250 Hrs.										
Slip Cap	Each		Generator	250 Hrs.										
Expansion Plug	Each		Welder/Gen.	100 Hrs.										
" Monument	Each		Steamcleaner	100 Hrs.										
" Flush Cover	Each													
			SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004						
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS						
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels							
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves								
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses							
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls							
Sample Liners	Each		Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual								
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump							
Drums	Each		Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs				COMMENTS			
Visqueen	Roll		Equip. #	Action Needed () Check If None										
											TOTAL RIG HOURS WORKED 10 3/4			
Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT REP: <i>Don</i> SIGNATURE						
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #: 28822 502						
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR: <i>John P. Patton</i>						
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND: RIG HAND:						



DAILY TOUR REPORT

WDC JOB #: HAI 24KLOCATION: TorranceRIG #: 110-5DATE: 9/2/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	7:15	1/4	Safety meeting
7:15	7:45	1/2	Set up and moved drums
7:45	10:30	2 3/4	Installed pump and pumped well
10:30	11:30	1	Moved drums and pumped off water
11:30	12:45	1 1/4	Setup. Boiled and surged well.
12:45	1:15	1/2	Lunch
1:15	3:30	2 1/4	Installed pump and pumped well. Pulled pump
3:30	5:15	1 3/4	Decaned. moved drums and pumped off water.
5:15	6:45	1 1/2	mob

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY	
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week						
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles		
Gravel Pack Sand	Sack/Foot	/	Carrier Engine	Fitr 250 Hrs. Oil 1000 Hrs.					
Transition Sand	Sack/Foot	/	Deck Engine	Fitr 250 Hrs. Oil 1000 Hrs.					
Bentonite Pellets	Bucket/Feet	/	Rig Tender	10000 Mls				CLIENT SIGNATURE	
Cement	Sack/Foot	/	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS	
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.					
Bentonite Chips	Sack/Foot	/	Forklift	250 Hrs.					
Volclay Grout	Sack/Foot	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.					
Sand Grout	Yard/Foot	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.					
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC	
Centralizers	Each		Mud Pump	250 Hrs.					
Threaded Cap	Each		Mud Pump	250 Hrs.					
Slip Cap	Each		Generator	250 Hrs.					
Expansion Plug	Each		Welder/Gen.	100 Hrs.					
" Monument	Each		Steamcleaner	100 Hrs.					
" Flush Cover	Each							DAYS W/O LOST TIME IN 2004	
Asphalt	Sack		SAFETY & MECHANICAL INSPECTION					DRILLING STATISTICS	
Concrete	Sack		Circle Item(s) in Need of Repair or Replacement					Hole #	From To Total
Rapid Set Grout	Sack		Windows Tires Gauges Lights Slings Cables Clamps Brakes						
Lock	Each		First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels						
PVC Gloves	Pair		Equipment Gaards Back-Up Alarms Safety Shutdowns Relief Valves						
Tyvek Suits	Each		Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses						
Sample Liners	Each		Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls						
Core Boxes	Each		Emergency Triangles Fire Extinguishers MSDS Book Safety Manual						
Drums	Each		Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump						
Visqueen	Roll		Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs						
			Equip. #	Action Needed () Check If None				COMMENTS	
								TOTAL RIG HOURS WORKED 11 1/4	
Casing	Type	Schedule	Diameter	Feet	Misc	Unit	Quan	CLIENT REP: <u>DL</u> SIGNATURE	
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #: <u>28993-502</u>	
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR: <u>Jason Patten</u>	
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND: <u></u> RIG HAND:	



DAILY TOUR REPORT

WDC JOB #:

LOCATION:

RIG #:

DATE: 9/2/04

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	8:00	1.0	H&S, Pick up trash on site as per client.
8:00	8:00		
	8:30	.5	MOVE RIG TO NEXT HOLE, CLEAN UP
8:30	1:00	4.5	DRILL (NO SAMPLES) FROM 0' TO 116', SET 23' FILTER PACK
1:00	1:30	.5	LUNCH
1:30	2:30	1.0	SET 6' BENTONITE SEAL
2:30	3:00	2.5	GROUT UP WELL
3:00	6:00	1.0	TOP OFF OTHER ^{WELLS} WELLS WITH GROUT
6:00	7:00	1.0	CLEAN UP

MATERIALS			EQUIPMENT SERVICE RECORD					EXPLANATION OF STANDBY						
Record Materials Provided by WDC Exploration & Wells			Record At End Of Shift At The End Of Each Week											
Item	Unit	Quantity	Description	Srvc Int.	Equip. #	Last Service	Hours/Miles							
Gravel Pack Sand	Sack/Foot	7 /	Carrier Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Transition Sand	Sack/Foot	/	Deck Engine	Fitr 250 Hrs. Oil 1000 Hrs.										
Bentonite Pellets	Buck/Foot	3 /	Rig Tender	10000 Mls				CLIENT SIGNATURE						
Cement	Sack/Foot	18 /	Support Truck	5000 Mls.				RECORD OF INJURY/ACCIDENT/NEAR MISS						
Bentonite Powder	Sack/Foot	/	Forklift	250 Hrs.										
Bentonite Chips	Sack/Foot	- /	Forklift	250 Hrs.										
Volday Grout	Sack/Foot	3 /	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Sand Grout	Yard/Foot	/	Compressor	Fitr 250 Hrs. Oil 1000 Hrs.										
Enhanced Grout	Sack/Foot	/	Shaker	250 Hrs.				DAILY SAFETY TOPIC						
Centralizers	Each		Mud Pump	250 Hrs.										
Threaded Cap 2"	Each	1	Mud Pump	250 Hrs.										
Slip Cap 2"	Each	1	Generator	250 Hrs.										
Expansion Plug	Each	-	Welder/Gen.	100 Hrs.										
" Monument	Each		Steamcleaner	100 Hrs.										
" Flush Cover	Each		SAFETY & MECHANICAL INSPECTION					DAYS W/O LOST TIME IN 2004						
Asphalt	Sack		Circle Item(s) in Need of Repair or Replacement					DRILLING STATISTICS						
Concrete	Sack		Windows	Tires	Gauges	Lights	Slings	Cables	Clamps	Brakes	Hole #	From	To	Total
Rapid Set Grout	Sack		First Aid Kit	Fall Device	Safety Harness	Safety Labels	Operating Labels				1	0	116	116
Lock	Each		Equipment Gaurds	Back-Up Alarms	Safety Shutdowns	Relief Valves								
PVC Gloves	Pair		Discharge Hoses	Hydraulic Hoses	Water Hoses	Mud Hoses	Air Hoses							
Tyvek Suits	Each		Breakout Tongs	Pipe Wrenches	Chain Tongs	Dog Collar	Slips/Bowls							
Sample Liners	Each	-	Emergency Triangles	Fire Extinguishers	MSDS Book	Safety Manual								
Core Boxes	Each		Mud Pump	Injection Pump	Grout Pump	2" Transfer Pump	Fuel Transfer Pump							
Drums	Each	-	Casing Hammer	Sample Hammer	Mini-Dumpster	Tooling	Bit Subs				COMMENTS			
Visqueen	Roll	-	Equip. #	Action Needed () Check If None										
											TOTAL RIG HOURS WORKED			
Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.	CLIENT RER: SIGNATURE						
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day		CLIENT JOB #:						
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day		OPERATOR: SIGNATURE						
Screen	PVC MS SS HDPE	5 10 40 80						RIG HAND: QUINON RIG HAND: AIBERT						

Attachment G
Well Development Records



Well Development Record

Project Name Former Boeing C-6 Inj. Well Inst. Well Number AW0118B
Project Location KNOX SR. E.A Weather Prtly Cloudy
Project Number 28882-502 Date 8/29/04
Page 1 of 1

Water Level Data (from top of casing) after Bailing

Total Well Depth (TD) 83.2 85.56' (hard bottom) Casing Diameter (inches) 2"
Static Water Level (DTW) 8 65.60' Screen Length (feet) 15'
Standing Water Column (WC) 19.96' Borehole Diameter (inches) 8"
(TD - DTW) Date Installed 8/18/04

Well Purging Data

Purge Method Bail/Pump (gpm) _____
Well Volume (gallons) 3.25 Pump Description Gruntfos Redi-
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) Flow 2
Number of Volumes to be Purged 5 (min.) Drilling Company WDC
Total Gallons to be Purged 16.27 gal

Surging and Bailing

Start Time: 1256 Finish Time: 1322 Comments: initial Bail Sediment
Start Time: 1325 Finish Time: 1345 Comments: Surge Screen
Start Time: _____ Finish Time: _____ Comments: _____
Start Time: _____ Finish Time: _____ Comments: _____

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
1322	~8	Bailed				
1325	Begin	Surging w/ 2" block				
1345	Stop	Surging - TD = 85.0' Soft Bottom				
1346	Begin	2 nd Bailing of Sediment				
1410	Stop	Bailing - Soft pump Transducer Not Working - Bailed Total 15 gal.				
1419	~15	Pump on				
1420	17	~2	24.2	1.82	6.99	Turb > 999
1425	27	~2	24.1	1.68	6.72	Turb > 999
1431	~39	~2	23.8	1.72	6.84	Turb = 731
1434	~45	~4	Increase Pump to ~4 gpm			
1436	~53	~4	23.7	1.73	6.87	Turb. > 999
1442	~77	~4	23.2	1.74	6.90	Turb. = 177
1449	~105	~4	22.8	1.75	6.90	Turb = 194
1451	~117	~6+	Increase Pumping Rate To ~6+ gpm			
1452		Pump shut off				Unknown Reason
1455		~6+	Pump restarted at ~6+ gpm for shut down			
1500	~150	~6+	22.7	1.74	6.96	Turb = 840
1505		Pump off again				



Well Development Record

Project Name Former Boeing C-6 Inj. Well Install Well Number AWO123B
Project Location Knox St., L.A. Weather overcast + Cool
Project Number 2882-502 Date 8/24/04
Page 1 of 2

Water Level Data (from top of casing) Pre-Dev. Installed After Bailing Sediment

Total Well Depth (TD) Soft 80.90' to 84.8' = 85.4 below TOC
Static Water Level (DTW) 64.75' Casing Diameter (inches) 2
Standing Water Column (WC) 20.65' Screen Length (feet) 20'
(TD - DTW) Borehole Diameter (inches) 8"
Date Installed 8/16/04

Strikeup ~ 0.7' aqs

Well Purging Data

Purge Method (gpm)
Well Volume (gallons) 3.4 gal Pump Description Grvn Pos Redi-FloC
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) Transducer In Situ Min-Trock
Number of Volumes to be Purged 5 min. Ser. # 008628 0-30 Psi
Total Gallons to be Purged 17 gal Drilling Company WDC Exploration

Surging and Bailing

Start Time: 7:55 Finish Time: 8:25 Comments: Bailed initial Sediment
Start Time: 8:30 Finish Time: 9:00 Comments: Surged Well
Start Time: 9:05 Finish Time: 9:25 Comments: Bailed Sediment
Start Time: _____ Finish Time: _____ Comments: _____

Pumping Parameters

below TOC
DTW

PH Meter bulb NOT submerged Data invalid.

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
7:55	0	Bail				Bail Sediment from well
8:25	6	DTW = 64.95'				Stop Bailing @ TD = 85.4'
8:30		Surge				Begin Surging w/ 2" Block
9:05		Bail Sediment				
9:25	13	Bailed above 7 gal w/ decreasing Sediment				TD = 85.5'
9:30	Set	Pump To ~ 2' above base of well				DTW = 64.8
		attach Transducer above pump intake ~ 6" above				
10:45	13.5	2	Start Pump			
10:19	21.8	2	23.0	2.29	6.32	Turb. > 999
10:21	25.12	2	22.9	2.29	6.43	Turb. = 121
10:27	37	2	22.8	2.31	6.43	Turb. = 127
		Increase TO ~ 4 gpm				
10:29	40	4				
10:32	50	4	22.5	2.34	6.40	Turb. = 149
10:40	82	4	23.4	2.37	6.41	Turb. = 54
10:42	~90	Increase Pumping rate to 5.25 gpm (Max. Pump Rate)				
10:46	~110	5.25	23.5	2.37	6.47	Turb. = 164
10:53	~152	~6	23.4	2.34	6.47	Turb. = 162
11:00	195	~6	23.0	2.38	6.45	Turb. > 160

* D.O. Sensor NOT submerged Data invalid

9.27 mg
9.08
9.01

9.33
10.06
10.33
10.43
10.48



Well Development Record

Project Name LOT B AMENDMENT WELLS
Project Location C6
Project Number 28882-502

Well Number AW0098B
Weather CLEAR & WARM 75° BRISK
Date W 8/25/04
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) (84.3 BEFORE BAILING) 85.45 AFTER
Static Water Level (DTW) 66.62
Standing Water Column (WC) 18.83
(TD - DTW)

Casing Diameter (inches) 2
Screen Length (feet) 20 (65-85')
Borehole Diameter (inches) 8
Date Installed TU 8/17/04

Well Purging Data

Purge Method BAILING/PUMPING
Well Volume (gallons) 3.07
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged 5 MIN
Total Gallons to be Purged 15

(gpm)
Pump Description GRUNDFOS REDUXO 2
Drilling Company WDC

Surging and Bailing

Start Time: 11:15
Start Time: 11:30
Start Time: 11:50 -
Start Time: _____

Finish Time: 11:30
Finish Time: 11:50
Finish Time: 12:10
Finish Time: _____

Comments: BAILING SEDIMENT ~10 GAL
Comments: SURGE SCREEN INTERVAL
Comments: BAIL SEDIMENT ~20 GAL
Comments: _____

Pumping Parameters

	Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	(mS/cm) Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)	
	11:15	~10 GAL		BAILING SEDIMENT				
DTW	11:30	1150	SURGE	SCREEN INTERVAL				
	12:10	~20 GAL		BAILING			TURBIDITY (NTU)	DISSOLVED OXYGEN (mg/L)
66.3	13:50		2	START PUMPING				SALINITY (‰)
67.7	13:55	30	2	23.6	2.31	6.61	>999	1.44
67.8	14:05	50	2	23.4	2.47	6.55	178	0.10
67.9	14:15	70	2	23.3	2.49	6.55	66	0.03
68.0	14:25	90	2	23.2	2.51	6.53	36	0.03
		INCREASE PUMP RATE TO	4 GPM					0.12
70.6	14:35	130	4	23.0	2.54	6.54	>999	(BURNING ODOOR) 0.03-0.12
71.1	14:45	170	4	22.8	2.55	6.54	549	0.61
71.7	15:05	250	4	22.9	2.58	6.53	328	-0.11
	15:10	270		INCREASE PUMP RATE TO	6 GPM			
74.0	15:20	330	6	22.9	2.60	6.51	855	0.33
74.3	15:30	390	6	22.7	2.60	6.51	840	0.49
74.9	15:50	510	6	22.8	2.62	6.52	324	0.06
75.3	16:00	570	6	22.7	2.68	6.62	504	2.16
	16:17	SHUT DOWN		67.5	- WITHIN 1 MIN			
	16:18			67.3				
	16:19			67.13				
	16:20			66.85				

Well Development Record

Project Name Former Buling C-1
 Project Location 1451 Knox St
 Project Number 28882-604

Well Number AW 74C
 Weather Sunny 80°
 Date 8-30-04
 Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) 115
 Static Water Level (DTW) 71.41
 Standing Water Column (WC) 43.59
 (TD - DTW)

Casing Diameter (inches) 2
 Screen Length (feet) 20
 Borehole Diameter (inches) 8
 Date Installed

Well Purging Data

Purge Method bail/pump
 Well Volume (gallons) 7
 CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
 Number of Volumes to be Purged 5
 Total Gallons to be Purged 35

(gpm) 1.5
 Pump Description Grundfos Redi Flo 2
 Drilling Company WDC

Surging and Bailing

Start Time: 1410 bailed Finish Time: 1436 Comments:
 Start Time: 1435 surge Finish Time: 1459 Comments:
 Start Time: 1505 bail Finish Time: 1515 Comments: TD only 14.7' - bail + surge again
 Start Time: 1520 surge Finish Time: 1530 Comments:
 Start Time: 1533 bail Finish Time: 1545

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
1552	20	-	-	-	-	transducer in well 3' from bottom
1608	36	1	24.9	0.144 S/m	7.05	TVAB. OR
1614	51	1.5	24.5	0.144	7.49	692
1633	73	1.5	23.9	0.144	7.50	996
1656	107.5	1.5	24.1	0.143	7.51	413
1508	119	2.0	-	-	-	increase flow to 2 GPM
1516	135	2.0	24.1	0.144	7.33	509
1524	151	2.0	23.1	0.145	7.32	404
1530	160	2.6	-	-	-	increase flow to 2.6
1531	163	2.6	23.1	0.144	7.36	OR
1538	181	2.4	22.8	0.147	7.36	460
1546	202	2.6	23.2	0.147	7.40	259
1558	231	2.6	23.7	0.148	6.99	251
pump off						
DTW 66.51						

Slight H/C - sweet odor. Purged water to broken tank
 Drawdown of well < 2' @ 2.6 GPM for 1/2 hour

Well Development Record

Project Name	<u>Former Boeing C-6</u>	Well Number	<u>MW-95C</u>
Project Location		Weather	<u>Sunny</u>
Project Number	<u>28872-604</u>	Date	<u>8-30-04</u>
		Page	<u>1 of</u>

Water Level Data (from top of casing)	
Total Well Depth (TD)	<u>115.5</u>
Static Water Level (DTW)	<u>65.98 (64 bailing)</u>
Standing Water Column (WC)	<u>49.82</u>
(TD - DTW)	
Casing Diameter (inches)	<u>2</u>
Screen Length (feet)	<u>46</u>
Borehole Diameter (inches)	<u>8</u>
Date Installed	<u>8-18-04</u>

Well Purging Data	
Purge Method	<u>Bail / Pump</u>
Well Volume (gallons)	<u>8.07</u>
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	
Number of Volumes to be Purged	<u>5</u>
Total Gallons to be Purged	<u>40</u>
(gpm)	
Pump Description	<u>Grundfos Redi Flo Z</u>
Drilling Company	<u>WDC</u>

Surging and Bailing			
Start Time: <u>0916</u>	<u>bailing</u>	Finish Time: <u>0933</u>	Comments: <u>Trace amount of sand removed</u>
Start Time: <u>0935</u>	<u>surge</u>	Finish Time: <u>0947</u>	Comments:
Start Time: <u>1007</u>	<u>bail</u>	Finish Time: <u>1100</u>	Comments: <u>TD 115.6</u>
Start Time: <u>1119</u>		Finish Time: <u>1323</u>	Comments:

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
0916						
1119	15	2.1	-	-	-	install transducer 1' above pump. Turb. - OR. Pump 2' above TD
1126	22	2.1	78.7 25	78.5 ms/m	8.80	
1133	29	1.5	25	81.3	8.51	-OR
1142	34	1	24.7	72.4	8.25	-OR water level dropping below screen - lowered flow rate
1159	53	1	25.0	84.9	7.59	719 GPM 1.6
1209	70	1.6	24.6	86.1	8.25	OR
1218	-	-	-	-	-	5' above pump - lowered into 6 GPM
1219	85	1	24.8	87.4	7.94	OR
1227	103	1	24.4	88.6	7.69	149
1308	134	1	24.7	89.1	7.74	42.9
1319	145	1	24.5	88.6	7.69	65.3
						DTW
1323						109.87
1324						100.55
1325						98.72
1326						96.40
1327						91.70
1328						89.00
1329						85.92
1330						82.35
1331						79.51
1332						75.52
1333						



Well Development Record

Project Name <u>Former Boeing C-6</u>		Well Number <u>AW0077B</u>	
Project Location <u>1451 Knox</u>		Weather <u>overcast 70°</u>	
Project Number <u>2882-604</u>		Date <u>8-31-04</u>	
		Page <u>1</u> of <u>1</u>	

Water Level Data (from top of casing)			
Total Well Depth (TD)	<u>86</u>	Casing Diameter (inches)	<u>2</u>
Static Water Level (DTW)	<u>66.30</u>	Screen Length (feet)	<u>15</u>
Standing Water Column (WC) (TD - DTW)	<u>19.70</u>	Borehole Diameter (inches)	<u>8</u>
		Date Installed	<u>8-19-04</u>

Well Purging Data			
Purge Method	<u>Bail / Pump</u>	(gpm)	
Well Volume (gallons)	<u>3.2</u>	Pump Description	<u>Grundfos Redi Flo 2</u>
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)			
Number of Volumes to be Purged	<u>5</u>	Drilling Company	<u>WDC</u>
Total Gallons to be Purged	<u>16</u>		

Surging and Bailing			
Start Time: <u>0756</u>	<u>bail (3gal)</u>	Finish Time: <u>0806</u>	Comments: <u></u>
Start Time: <u>0810</u>	<u>surge</u>	Finish Time: <u>0828</u>	Comments: <u></u>
Start Time: <u>0835</u>	<u>bail</u>	Finish Time: <u>0913</u>	Comments: <u>10min break to let sand settle - TO 8552'</u>
Start Time: <u></u>		Finish Time: <u></u>	Comments: <u></u>

Pumping Parameters						
Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
Attached transducer ~1' above the pump and installed ~2' off bottom of well						
0829	15 (bail)	1.5	-	-	-	pump on
0836	25	1.5	23.6	0.224 S/M	6.05	TURB OR
0942	water level dropping too fast. lowered flow rate to 1.25 GPM					
0949	43	1.25	22.9	0.227	6.53	292
1002	60	1.25	23.6	0.222	6.76	OR
1008	lowered rate to 0.75 GPM					
1018	68	0.75	23.3	0.225	6.81	88.2
1028	76	0.75	23.3	0.225	6.87	39.3
1040	85	0.75	23.7	0.224	6.88	15.8
1048	92	0.75	24.1	0.225	6.82	10.5
Pump off 1049						
1050	DTW 66.81 (check valve failed)					
Sweet H/C odor of purge water. Purge water transferred to the Baker tank on site						

80% Recovery = 70.24'



Well Development Record

Project Name <u>Former Boring C-6</u>		Well Number <u>AW0045C</u>					
Project Location <u>1451 KERRY ST</u>		Weather <u>Sunny 80°</u>					
Project Number <u>28812-604</u>		Date <u>8-31-04</u>					
		Page <u>1</u> of <u>1</u>					
Water Level Data (from top of casing)							
Total Well Depth (TD)	<u>115.5</u>	Casing Diameter (inches)	<u>2</u>				
Static Water Level (DTW)	<u>67.72</u>	Screen Length (feet)	<u>20</u>				
Standing Water Column (WC)	<u>47.78</u>	Borehole Diameter (inches)	<u>8</u>				
(TD - DTW)		Date Installed	<u>8-25-04</u>				
Well Purging Data							
Purge Method	<u>Bail/Pump</u>	(gpm)					
Well Volume (gallons)	<u>7.7</u>	Pump Description	<u>Grundfos Redi Flo 2</u>				
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)							
Number of Volumes to be Purged	<u>5</u>	Drilling Company	<u>WDC</u>				
Total Gallons to be Purged	<u>39</u>						
Surging and Bailing							
Start Time: <u>1147</u> <u>bail</u>	Finish Time: <u>1216</u>	Comments:					
Start Time: <u>1218</u> <u>Surge</u>	Finish Time: <u>1239</u>	Comments:					
Start Time: <u>1340</u> <u>bail</u>	Finish Time: <u>1409</u>	Comments:	<u>checked TD @ 115.5'</u>				
Start Time:	Finish Time:	Comments:					
Pumping Parameters							
Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)	DO
1430	<u>Bailed 15</u>	<u>1.7</u>	<u>Started pumping - pump and transducer set ~ 2' off TD</u>				
1435	<u>24</u>	<u>1.7</u>	<u>25.8</u>	<u>0.278 ms/cm</u>	<u>7.87</u>	<u>Turn sensor</u>	<u>2.92</u>
1445	<u>41</u>	<u>1.7</u>	<u>24.8</u>	<u>68.9</u>	<u>7.77</u>	<u>412</u>	<u>2.23</u>
1456	<u>59</u>	<u>1.7</u>	<u>24.5</u>	<u>67.1</u>	<u>7.78</u>	<u>240</u>	<u>2.68</u>
1504	<u>increased flow to</u>	<u>2.6 GPM</u>					
1507	<u>80</u>	<u>2.6</u>	<u>24.0</u>	<u>67.0</u>	<u>7.75</u>	<u>201</u>	<u>2.91</u>
1507	<u>106</u>	<u>2.6</u>	<u>23.9</u>	<u>66.2</u>		<u>129</u>	<u>3.48</u>
1526	<u>increased flow to</u>	<u>3.8 GPM</u>					
1528	<u>Pump shut off - unknown reason</u>						
1530	<u>Pump on - off again?</u>						
1638	<u>99 Pump on</u>						
1542	<u>145</u>	<u>3.8</u>	<u>24.2</u>	<u>66.9</u>	<u>7.71</u>	<u>480</u>	<u>3.71</u>
1553	<u>183</u>	<u>3.8</u>	<u>23.7</u>	<u>66.4</u>	<u>7.64</u>	<u>127</u>	
1602	<u>218</u>	<u>3.8</u>	<u>23.6</u>	<u>66.5</u>	<u>7.66</u>	<u>87.3</u>	<u>4.46</u>
1609	<u>245</u>	<u>3.8</u>	<u>23.3</u>	<u>66.4</u>	<u>7.61</u>	<u>53.7</u>	<u>9.01</u>
1620	<u>Pump shut off - unknown reason</u>						
<u>Stopped development - < 2' of draw down in well @ 3.8 GPM</u>							

Purge water has slight sweet smell. all purge water drummed at well head and transferred to Baker tanks.



Well Development Record

Project Name LOT 5 AMENDMENT WELLS
Project Location C6
Project Number 28882 - 502

Well Number AW0028C
Weather clear & warm
Date W 9/1/04
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) 110.2 - BEFORE BAILING Casing Diameter (inches) 2
Static Water Level (DTW) 68.89 Screen Length (feet) 20
Standing Water Column (WC) 41.31 Borehole Diameter (inches) 8
(TD - DTW) Date Installed 8/26/04

Well Purging Data

Purge Method BAIL & PUMP (gpm) _____
Well Volume (gallons) _____ Pump Description _____
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469) _____
Number of Volumes to be Purged 5 min _____
Total Gallons to be Purged _____ Drilling Company WDC EXPLORATION & WELLS

Surging and Bailing

Start Time: _____ Finish Time: _____ Comments: _____
Start Time: _____ Finish Time: _____ Comments: _____
Start Time: _____ Finish Time: _____ Comments: _____
Start Time: _____ Finish Time: _____ Comments: _____

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
8:20	BEFORE	BAILING	SEDIMENT OUT			
8:58	Switched to surge block					
1140	15	2Gpm	Started pumping			Turb. DO
1150	35	2	24.4	0.96 mS/cm	7.19	0.11
1200	55	2	24.6	0.974	7.68	0.14
1210	75	2	24.3	0.923	7.51	0.11
1212	Increased flow to 3Gpm					
1217	Pump off - current problem to pump					
1221	Pump restart					
1225	~95	3	24.1	0.879	7.40	0.13
1239	137	3	24.6	0.824	7.24	0.12
1249	167	3	24.1	0.785	7.36	0.20
1259	197	3	24.1	0.806	7.38	0.43
1317	261	3	24.0	0.784	7.39	0.24
1328	285	3	23.8	0.773	7.42	0.33
1336	300	3	23.5	0.779	7.34	0.37
1337	Pump off					



Well Development Record

Project Name Former Boeing C-6
Project Location 1451 Kiny, LA
Project Number 28882-502

Well Number AW0169
Weather Sunny 80°
Date 9-2-04
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) 88
Static Water Level (DTW) 71.6 (to TOC)
Standing Water Column (WC) -2.3
(TD - DTW) 69.31
18.65'

Casing Diameter (inches) 2
Screen Length (feet) 15
Borehole Diameter (inches) 8
Date Installed 8-20-04

Well Purging Data

Purge Method Bail/Purge
Well Volume (gallons) 3
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged 5
Total Gallons to be Purged 15

(gpm)
Pump Description Grundfos Redi Flo 2
Drilling Company WDC

Surging and Bailing

Start Time: 1120 bail Finish Time: 1142 Comments: _____
Start Time: 1146 surge Finish Time: 1202 Comments: _____
Start Time: bail 1205 Finish Time: 1240 Comments: _____
Start Time: 1245 pump. Finish Time: 1513 Comments: _____

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
1345	20	1.6	—	—	—	Turb DO Pump started
1350	28	1.6	25.2	0.240 s/m	6.47	OR 6.08
1400	44	1.6	24.1	0.233	6.46	204 4.90
1410	60	1.6	23.7	0.240	6.60	88.7 5.16
1420	76 90	3.0	23.4	0.242	6.77	670 5.40
1432	95 126	3.0	23.5	0.244	6.88	87.5 5.32
1442	166	3.0	23.3	0.245	6.92	57.4 5.87
1452	186	3.0	23.3	0.248	6.96	56.3 5.95
1502	213	3.0	23.3	0.248	6.98	202 ²⁹ 5.87
1507	228	3.0	23.0	0.248	7.03	33.7 6.18
1512	243	3.0	23.0	0.248	7.04	41.1 5.86
1513	245	Pump stopped				
Fine sand in bottom of parameter cup. Purged water drummed at well head and transferred to Baker tank						
< 6' drawdown @ 3.0 gpm - 80% Volume in < 1 min						



Well Development Record

Project Name <u>Former Boeing Co</u>		Well Number <u>AW D011C</u>				
Project Location <u>1451 Knox St, LA</u>		Weather _____				
Project Number <u>28882-502</u>		Date <u>8-9-1-04</u>				
		Page <u>1</u> of _____				
Water Level Data (from top of casing)						
Total Well Depth (TD)	<u>115.5</u>	Casing Diameter (inches)	<u>2</u>			
Static Water Level (DTW)	_____	Screen Length (feet)	<u>20</u>			
Standing Water Column (WC)	_____	Borehole Diameter (inches)	<u>8</u>			
(TD - DTW)	_____	Date Installed	<u>8-27-04</u>			
Well Purging Data						
Purge Method	<u>Bail/Pump</u>	(gpm)	_____			
Well Volume (gallons)	_____	Pump Description	<u>Grundfos Redi Flo 2</u>			
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	_____		_____			
Number of Volumes to be Purged	_____	Drilling Company	<u>WDC</u>			
Total Gallons to be Purged	_____		_____			
Surging and Bailing						
Start Time: <u>1548</u>	<u>bail</u>	Finish Time: <u>1605</u>	Comments: <u>P10 reading over purge water 0.1 ppm</u>			
Start Time: <u>1610</u>	<u>surge</u>	Finish Time: <u>1635</u>	Comments: _____			
Start Time: <u>1637</u>	<u>bail</u>	Finish Time: <u>1649</u>	Comments: <u>TD 115.5 Total bailed = 19 gal</u>			
Start Time: <u>0801</u>	<u>pump</u>	Finish Time: <u>0932</u>	Comments: _____			
Pumping Parameters						
Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
0801	19	1	-	-	-	<u>Turb DO</u>
0811	29	1	22.9	73.2 mS/cm	6.84	344 2.45
0821	39	1	22.9	63.9	6.10	145 3.21
0831	55	1	23.1	61.9		70.3 4.17
0832	Increased flow to 3.7 GPM					
0841	86	3.7	22.8	61.4	6.79	363 2.15
0851	130	3.7	22.7	60.8	7.01	108 3.29
0901	168	3.7	23.1	59.7	7.03	49.5 3.22
0911	205	3.7	23.5	59.6	7.13	26.6 3.30
0921	242	3.7	22.9	60.2	7.19	25.1 2.81
0931	279	3.7	23.0	60.1	7.24	26.3 3.08
0932	285	pump off				



Well Development Record

Project Name LOT 8 AMENDMENT WELLS
Project Location C6
Project Number 28882-507

Well Number AW0050C
Weather CLEAR & WARM
Date W 9/8/04
Page 1 of 1

Water Level Data (from top of casing)

STICKUP 4.4' CUT TO 2.5' @ 915
Total Well Depth (TD) (118.1 - BEFORE BAILEY) Casing Diameter (inches) 2"
Static Water Level (DTW) 66.16 Screen Length (feet) 20 (95-115)
Standing Water Column (WC) Borehole Diameter (inches) 8
(TD - DTW) Date Installed W

Well Purging Data

Purge Method BAILEY PUMP (gpm)
Well Volume (gallons) Pump Description
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged Drilling Company

Surging and Bailing

Start Time: <u> </u>	Finish Time: <u> </u>	Comments: <u> </u>
Start Time: <u> </u>	Finish Time: <u> </u>	Comments: <u> </u>
Start Time: <u> </u>	Finish Time: <u> </u>	Comments: <u> </u>
Start Time: <u> </u>	Finish Time: <u> </u>	Comments: <u> </u>

Pumping Parameters

Time	Volume (gallons)	Pumping Rate (gpm)	Temp (°C)	Spec. Cond. (mS/cm) (mmhos/cm)	pH (units)	Comments (color, turbidity, odor, sheen)
8:00	BAILING SEDIMENT	~ 10 GAL				
8:45	SURGE SCREEN INTERVAL MIN	20 MIN				
9:15	BAILEY SEDIMENT	~ 10 GAL				CUT CASING TO 2.5' STICKUP
9:45	SET PUMP ~ 2'	FROM BOTTOM				TURB DO SALINITY (NTU) (mg/L) %
9:50	20	1.8				
10:00	+18 = 38	1.8	26.5	1.06	7.79	840 0.21 0.04
10:10	+18 = 56	1.8	24.8	1.09	7.70	117 -0.25 0.04
10:18	+14 = 70	1.8	24.1	1.09	7.71	136 -0.57? 0.04
10:22	+7 = 77	1.8	24.1	1.09	7.69	85 -0.76 0.04
10:25	INCREASE PUMPING RATE TO	2.7 GPM				
10:26	1.8 x 3 = 5.4 2.7 x 1 = 2.7 = 8.1	2.7	23.9	1.09	7.66	327 -0.85 0.04
10:30	2.7 x 4 = 11	2.7	23.9	1.09	7.70	165 -0.72 0.04
10:35	+14 110	2.7	23.8	1.09	7.60	125 -0.80 0.04
10:45	+27 137	2.7	23.9	1.10	7.54	104 -0.73 0.04
10:55	+27 164	2.7	23.9	1.10	7.40	70 -0.64 0.04
11:00	+14 178	2.7	23.8	1.10	7.40	56 -0.58 0.04

DTW

66.0

66.4

66.4

66.36

66.36

67.2

67.2

67.25

67.27

67.31

67.29

Well Development Record			
Project Name	<u>LOT A Amendment W/ 11c</u>	Well Number	<u>MW0133B</u>
Project Location	<u>451 Kona St LA</u>	Date	<u>9-8-04</u>
Project Number	<u>28882-502</u>	Page	<u>2</u> of <u>2</u>

Well Number AW0133B
Date 9-8-04
Page 2 of 2

Field Parameters cont'd

[illegible]

Additional Comments

Attachment H

**Water Injection Testing (WIT) Field Reports
and WIT Test Forms**

Project	Bakken C-L Amendment Wells	Report No.	1
Location	1451 Kura St LA	Date	9-15-07
Client	Boeing	Page	1 of 5
Contractor	WAC	File No.	28882-502
Weather	Overcast - Sunny	Temperature	70-80°F

Time	Event
08:00	Arrived onsite - WAC present & filling water
08:30	Field Transducer Test Set up on well AW0095C
09:10	Recorded depth to water at 165.835
	Other Wells
	AW0098B - 66.25 ft hys
	TMW08 - 67.20 ft hys
	AW0074C - 66.14 ft hys
	AW0082C - 63.95 ft hys
09:43	Started test 1.13 gal/min
09:48	Flow Rate 2.0 gal/min
09:58	Started static 5.88
10:00	Shut off valve to lower water column
10:04	Started again
10:13	Test static water @ 5.88
10:18	Height (ft) = 31.9 → 32.5 end 32.06
	Totalizer 29.8 - 23.7 = 6.1 gal / 5 = 1.22 gal/min
10:24	Static water @ 5.88
10:29	Height of water 44.8 - 45.1
	Gallons 55.1 - 44.3 = 10.8 gal / 5 min
	Flow Rate 2.16 gallons/min
10:35	Static water 5.88
10:40	Height of water column 64.6 - 64.1
	Totalizer Gallons 89.3 - 75.5 = 13.8 gal / 15 min
	Flow Rate = 2.76 gal/min
10:45	Well levels - Maintaining Inj. Rate @ 2.8 gpm
to 10:50	AW0074C DTW = 66.11' in AW0095C
	AW0098B DTW = 66.26'
	TMW-008 DTW = 67.23'
	AW0082C DTW = 63.91
10:52	Shut off injection Flow To AW0095C
11:09	Transducer removed water at 62.9 ft hys

Field Representative(s)

Jeff Reardon

Paul Jones

Time on site

Report/Travel/Other

Total hours

Distribution:

Project	Boeing Co Amusement World	Report No.	2
Location	1451 Knox St	Date	9-15-01
Client	Boeing	Page	2 of 5
Contractor	WQC	File No.	28882-02
Weather	Overcast	Temperature	70°C

Time	Event
11:00	Began setting up of PW00773
11:20	Began introducing pit water to well to offset pump to static level above static level @ 4.13
Test No 1	
11:28	Static Water @ 4.13
11:33	Totalizer Readings 28.2 - 16.0 = 9.2 / 5 Height of Water Column = 22.81 → 22.67 Flow Rate = 1.84 gal/min
Test No 2	
	Static Water @ 4.13
	Totalizer Reading 53.3 - 43.4 = 9.9 / 5 Flow Rate = 1.98 gal/min Height above Transducer = 43.84 →
Test No 3	
11:51	Static Water @ 4.13
11:56	Totalizer Reading = 87.9 - 73.9 = 14 gal / 5 min Flow Rate = 2.8 gal/min Height Above Transducer = 49.6 → 50.40
12:01	Static Water @ 4.13
12:06	Totalizer Reading = 131 - 110.6 = 20.4 gal / 5 min Flow Rate = 4.08 gal/min Height of Water above Transducer = →
	Well Readings Original = 74.0 98.8 after Test @ 950 = 66.11 66.26 after Test @ 773 = 66.12 66.27
12:27	Pulled Transducer Water @ 5.12

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
_____	_____	_____	_____
_____	_____	_____	_____

Distribution:

Project	Boeing C-6 Amendment Wells	Report No.	3
Location	1541 Knox St LA	Date	9-15-04
Client	Boeing	Page	3 of 5
Contractor	WDC	File No.	28882-102
Weather	Overcast	Temperature	70°

Time	Event
12:25	Setup of Well AW0101B Static Water 5.31 Depth to water 65.60
Test no1 13:11 13:16	Static Water = 5.31 Totalizer Readings = 96.1 - 65.4 = 30.7 gal (15 min) Flow Rate = 6.14 gallons/min Height Water Column = 21.4 → 21.56 ft
Test no2 13:19 13:	Static Water = 5.31 Totalizer Reading = 156.3 - 118.8 = 37.5 gal (15 min) Flow Rate = 7.5 gallons/min Height Water Column = 27.28 → 29.3
Test #3 13: 13:	Static Water = 5.31 Totalizer Reading = Flow Rate = Height Water Column =
	Equipment Not Capable of performing 3rd Test
Monitoring Wells	AW0028B AW0118B
12:35	66.22 65.60
13:25	66.19 65.57
13:40	Disconnected Transducer water @ 5.76 ft

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
_____	_____	_____	_____
_____	_____	_____	_____

Distribution:

Project	Boeing C-6 Ammunition Wells	Report No.	4
Location	1451 Rock St LD	Date	9-15-44
Client	Boeing	Page	4 of 5
Contractor	WOC	File No.	28882-502
Weather	Sunny	Temperature	80°

Time	Event
13:10	Setup on well MW0169B
	Depth to water = 71.40 ft
14:30	AW0022C Depth to water = 71.16 ft
14:37	Static Water = 5.41
14:42	Totalizer Reading = $51.0 - 20.9 = 30.1$ gallons
	Flow Rate = 6.02 gallons/min
	Height Water Column = 11.52 → 12.18
	No further testing of this well
14:44	Monitoring well depth to water 71.11
14:45	Stopped water flow Totalizer = 67.1 gallons
14:54	Turned off Transducer water = 5.88 ft
15:00	Moved to AW0011C
	Static Water Above Transducer = 5.46 ft
	Depth to water = 69.31
Test #1	Static Water Above Transducer = 5.48 ft
15:23	Totalizer Reading = 55.7 = 15.4 = 40.3 gallons
15:27	Flow Rate = 8.06 gallons/min
	Height Water Column = 9.81 → 11.49 ft
15:33	Shut off water Totalizer = 107.6 gallons
	Observation wells
15:05	17B 78° 22C
15:30	72.59 68.22 71.11
15:41	72.58 68.66 71.06
	Shut down Transducer - Static Water 5.58

Field Representative(s)

Time on site

Report/Travel/Other

Total hours

Ion:

Time	Event
15:40	Moved to Well AW0074C
15:49	Depth to water 66.07 ft bgs Static Water = 4.91 ft Transducer
Test #1	Static Water 4.91
16:03	Totalizer Reading = 61.8 - 25.6 = 36.2 gal/5m
16:08	Flow Rate = 7.24 gallons/min Height of Water Column = 21.05 → 25.96
16:15	Turned off water to well
	Observation Wells
	AW0095C
	AW0077B
15:49	65.77
16:10	65.68
	66.47
	66.48
16:20	Shut off Transducer Water Height 5.14

Distribution:

DAILY FIELD REPORT

Page 1 of 1

Project	Former Boeing C-6 Amend. Well Inj. Test	Report No.	
Location	KNOX ST., L.A.	Date	9/16/04
Client	Boeing Realty Corp.	Page	1 of 1
Contractor	WDC	File No.	28882-502
Weather	Cloudy	Temperature	Cloudy/Cool

5:15 P. Sones Leaves Oceanside

6:45 Arrive at site, Bob Nix and Nacio w/ WDC Filling Tank

7:00 H+S Meeting

7:15 Set up at AW0098B

7:30 Dennis Carlson w/ BRC arrives
Begin inj. Testing of AW0098B. (Test #1) Gravity Flow

7:45 Increase Flow to AW0098B (Test #2) Gravity Flow

8:08 Start Test #3 of AW0098B using pump.

8:16 Shut off Flow - monitor Recovery in AW0098B.

8:30 Pull Transducer - Mob to AW0118B

8:44 Begin filling well casing of AW0118B

8:48 Start Test #1 of AW0118B using Gravity Flow

8:59 Start Test #2 using Gravity Flow

9:09 Start Test #3 Using Pump To increase Flow

9:16 @ Meas. obs. Wells

9:20 Shut off Flow - monitor Recovery
Dennis Carlton off-site.9:30 Pull Transducer - Mob To AW0011C for continuation
of Inj. Test from 9/15 using Pump To increase Flow

9:50 Use Pump to Fill Well Casing of AW0011C

9:56 Begin Test #2 Using Pump

10:05 Begin Test #3 Using Pump

10:14 Shut off Flow - monitor Recovery

10:20 Pull Transducer, clean up, download data from datalogger

11:30 WDC & P. Sones off site - P. Sones mobs to Compton and
Boeing HB to Mark Locations + return manifold to Arcadia + Equip.

16:45 Arrive Oceanside - Return rental truck To Equipco

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
Paul Sones	6:45 - 11:30 (5 hrs)	13 / 4	12

Distribution:



Haley & Aldrich, Inc.



Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0017C
Project Location	1350 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-502	Technician Name	Paul Jones
Date	9/15/04	Date Well Installed	
Height of Well Head Stick-up	0.4' below Grade	Date Well Developed	
Observation Wells Used	AW0017C, AW0022C, AW0028C	Weather	Sunny & Warm
	Max		AW0017C AW0022C AW0028C

[illegible]



Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well
Project Location	1350 Knox Street, Los Angeles, CA
Project Number	28882-502
Date	9/16/04
Height of Well Head Stick-up	~ 0.3', below Grade
Observation Wells Used	AW0017 B, AW0022 C

Well Number AW0011C Page 1 of 1
 Technician Name Paul Sones
 Date Well Installed _____
 Date Well Developed _____
 Weather cloudy

AW0017B AW0022C

[illegible]



Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0074
Project Location	1350 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-502	Technician Name	Paul Sones
Date	9/15/09	Date Well Installed	
Height of Well Head Stick-up	0.25 Below Grade	Date Well Developed	
Observation Wells Used	AW0095C, AW0077B	Weather	Sunny Warm
	nd		AW0095C AW0077B

[illegible]

Amendment Well Water Injection Test Form

Project Name
Project Location
Project Number
Date
Height of Well Head Stick-up
Observation Wells Used

Former Boeing C-6 Parcel C Amendment Well
1350 Knox Street, Los Angeles, CA
28882-502
9/15/04
0.33' below Grade
AW0074C + AW0098B

Well Number
Page
Technician Name
Date Well Installed
Date Well Developed
Weather

AW0077B
1 of 1
Paul Sones
Cloudy
AW0074C AW0098B

Max. ~~HT of~~ above Trans.

Well I.D.	Time (24 hr)	Depth to Water In Well (feet below TOC)	Injection Volume (gpm)	Flow Rate (gpm)	Well Head Pressure (psi)	HT of W.C. (ft)	Totalizer Reading (gal.)	Depth to Water In Obs. Well No. 1 (ft)	Depth to Water In Obs. Well No. 2 (ft)	Comments/Observations
AW0074C	1115	66.63'		0		4.13'	0.0	66.14	66.25	Insert Trans. To below w.t.
	1121									Start Inj. water To get level 172
	1128					22.81	16.0			Start Test @ 22.8' W.C. HT.
	1133					22.67	25.2			5 min, 0" Later
		Increase		To get 35'		Rate 34.84'	HT of W.C.			
	1140					34.84'	43.4			Start Test @ 34.84' W.C. HT.
	1145					34.24'	53.3			5 min, 0" Later
		Increase		To get 50'		Rate 49.57'	HT of W.C.			
	1151					49.57'	73.9			Start Test @ 50' W.C. HT.
	1156					50.40	87.9			5 min + 0" Later
		Increase		To get TO 66.5' HT of W.C.		Rate 66.70'	110.6			
	1201					66.70'	131.0			Start Test @ 66.7' W.C.
	1206					66.42				5 min + 0" Later
						Flow Rate While Measuring Obs. Wells				
	1210					66.06		66.12	66.22	
	1213					Flow Start Recovery 157.1				
	1215					27.26				
	1217					17.98				
	1220					11.37				
	1226					5.29				
	1227					5.11				Pull transducer



Amendment Well Water Injection Test Form

Project Name	Former Boeing C-8 Parcel C Amendment Well	Well Number	AW0101B
Project Location	1350 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-502	Technician Name	Paul Sones
Date	9/15/04	Date Well Installed	
Height of Well Head Stick-up	0.8' below Grade	Date Well Developed	
Observation Wells Used	AW0098B, AW0118B max.	Weather	PTly Cloudy

[illegible]



Amendment Well Water Injection Test Form

Project Name
Project Location
Project Number
Date
Height of Well Head Stick-up
Observation Wells Used

Boring C-6 Amendment Well
1451 Main St LA
2882-502
9-15-04
Flush with gravel surface
Well Number
Page
Technician Name
Date Well Installed
Date Well Developed
Weather

AW Well I.D.	Time (24 hr)	Depth to Water In Well (feet below TOC)	W.C. Pressure (psi)	W.C. Wellhead Pressure (psi)	Flow Rate (gpm)	Injection Volume (gal.)	Totalizer Reading (gal.)	Depth to Water in Obs. Well No. 1 (ft)	Depth to Water in Obs. Well No. 2 (ft)	Comments/Observations
AW 00950	09:10	65.835		5.88						Height of W.C. at static = 5.88' above Trans.
AW 00980		66.25								
TMW 8		67.30								
AW 00770		66.14								
AW 00820		63.95								
AW 00950	10:13	65.835	26.62	32	1.22	6.1	23.79			Transducer 31.9-32.5'
—	10:18	—					29.89			and 32.06
AW 00950	10:24		39.3	~45'	2.16	10.8	44.3			Height 48.97
—	10:29						55.1			45.18
AW 00950	10:35		58.72	~65'	2.76	13.8	75.5			Height 64.6
—	10:40						89.3			64.1
	10:52			~64.2'						Shut off Inj.
	11:09						123.9			Flow-Recovery
						Total	100.2			period
							123.1			

Amendment Well Water Injection Test Form

Project Name

Project Location

Project Number

Date

Height of Well Head Stick-up

Observation Wells Used

Former Boeing C-6 Parcel C Amendment Well

1350 Knox Street, Los Angeles, CA

28882-502

9/16/04

0.2' below grade

AW00101B + AW0077B

Well Number

Page 1 of 1

Technician Name Paul Sones

Date Well Installed

Date Well Developed

Weather

Cloudy

AW0101B AW0077B

Well I.D.	Time (24 hr)	Depth to Water In Well (feet below TOC)	Rise in W.C. Time Pressure (psi)	W.C. (ft)	Flow Rate (gpm)	Injection Volume (gallons)	Totalizer Reading (gal.)	Depth to Water In Obs. Well No. 1 (ft)	Depth to Water in Obs. Well No. 2 (ft)	Comments/Observations
AW0098B	725	66.24		4.52'			0.0	65.61	66.56	Static
	729		Begin Filling							HT of W.C. to 21 ft
	734			22.72			27.9			Start Test #1
	739		18.2	22.66	4.12	20.6	48.5			5 min to "later
	740	Increase	Flow		Rate	- Value	Full open			
	745			36.79			83.3			Start Test #2
	750		37.41	41.93	5.98	29.9	113.2			5 min to "later
		uses pump to try to fill	- Flow meter	clogged	- dismantle + unclog (grass)					fill to ~ 60' W.C. HT
	808			57.14			144.8			Start Test #3
	813		53.01	57.53'	7.92	39.6	184.4			
	815	Meas. obs.	while	well	maintaining			65.61	66.58	
	816	Shut off	Flow	- monitor	Recovery		208.2			
	817			19.37						
	823			7.06						
	828			9.16						Pull Transducer



Amendment Well Water Injection Test Form

Well I.D.	Time (24 hr)	Depth to Water In Well (feet below TOC)	Rise in W.C. Time (hr)	Pressure (psi)	Pressure (psf)	Flow Rate (gpm)	Injection Volume (Running Total) (gal.)	Totalizer Reading (gsl.)	Depth to Water In Obs. Well No. 1 (ft)	Depth to Water in Obs. Well No. 2 (ft)	Comments/Observations
AW0118B	838	65.60	45.0 ⁺ W.C. (hr)		4.86			0.0	65.61	64.46	AW0123B 64.81
	844	Start Pilling Casing					Using	Gravity	Flow only		
65.1	848				23.97			22.2			Start Test #1
65.2	853			19.11	23.96	3.08	15.4	37.6			5 min + 0" Later
		Increase Flow				Rate	Using	Gravity	Flow		
65.3	859				39.89			71.4			Start Test #2
	904			40.06	44.92	5.76	28.8	100.2			5 min. 10" Later
		Use Pump			To increase	Flow					
65.4	909				63.47			137.4			Start Test #3
65.5	914			59.61	64.47	7.32	36.6	174.0			5 min + 0" Later
	916	Meas. obs. wells							65.61	64.46	64.81
65.6	920	Shut off Flow to well						214.6			
65.7	921				40.88						
65.8	924										
65.9	926				9.52						
66.0	929				7.57						
66.1	930				5.95						
					5.76						Pull Transducer



Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0169B
Project Location	1350 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-502	Technician Name	Paul Senes
Date	9/15/04	Date Well Installed	
Height of Well Head Stick-up	2.5' above Grade	Date Well Developed	
Observation Wells Used	AW0022C max.	Weather	ptty cloudy AN0022C

[illegible]